Form 3160-3 (August 2007)

1a. Type of Work:

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2016

BUREAU OF LAND MANAGEMENT

5. Lease Serial No. UTU37943

			OR REENTER

7. If Unit or CA Agreement, Name and No. CHAPITA WELLS UNI

1b. Type of Well: Oil Well □ Other Gas Well Single Zone 2. Name of Operator EOG RESOURCES INC Contact: MARY A. MAESTAS

☐ REENTER

8. Lease Name and Well No. CHAPITA WELLS UNIT 1107-34

6. If Indian, Allottee or Tribe Name

3a. Address

E-Mail: mary_maestas@eogresources.com

9. API Well No.

13-047-39916

1060 EAST HIGHWAY 40 VERNAL, UT 84078

3b. Phone No. (include area code) Ph: 303-824-5526

10. Field and Pool, or Exploratory NATURAL BUTTES/MESAVERDE

11. Sec., T., R., M., or Blk. and Survey or Area

4. Location of Well (Report location clearly and in accordance with any State requirements.*)

NWNE 578FNL 2107FEL 39.99813 N Lat, 109.31112 W Lon

Sec 34 T9S R23E Mer SLB

At proposed prod. zone NWNE 578FNL 2107FEL 39.99813 N Lat, 109.31112 W Lon

Distance in miles and direction from nearest town or post office*
 MILES SOUTH OF VERNAL, UTAH

12. County or Parish UINTAH 13. State UT

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)

DRILL

16. No. of Acres in Lease

17. Spacing Unit dedicated to this well

- 578 18. Distance from proposed location to nearest well, drilling,
- 19. Proposed Depth

20. BLM/BIA Bond No. on file

- completed, applied for, on this lease, ft.
- 8620 MD

600.00

NM2308

- 21. Elevations (Show whether DF, KB, RT, GL, etc. 5305 GL
- 22. Approximate date work will start
- 23. Estimated duration
- 45 DAYS

■ Multiple Zone

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- 1. Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the authorized officer.

(Electronic Submission)	Mayla
Title REGULATORY ASSISTANT	

Name (Printed/Typed)

MARY A. MAESTAS Ph: 303-824-5526

Date 01/10/2008

Name (Printed/Typed)

Office

BRADLEY G. HILL ENVIRONMENTAL MANAGER

Title

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

> Electronic Submission #57948 verified by the BLM Well Information System For EOG RESOURCES INC, sent to the Vernal

> > Federal Approval of this Action is Necessary

RECEIVED

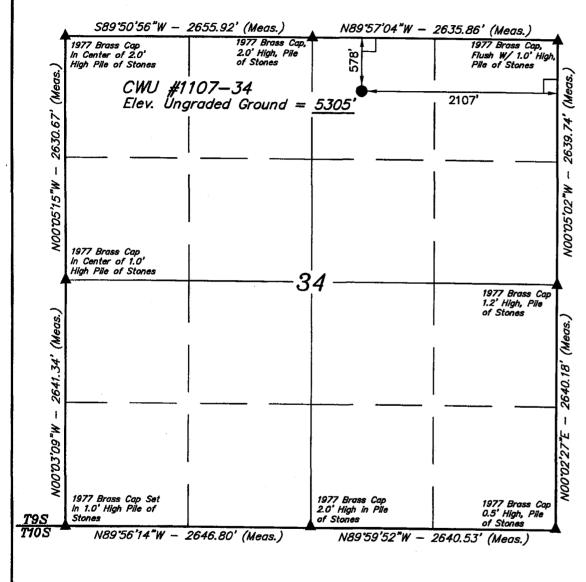
DIV. OF OIL. GAS & MINING

JAN 1 6 2008

644230X 44287104 39.998161

OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

T9S, R23E, S.L.B.&M.



LEGEND:

= 90' SYMBOL

= PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

(NAD 83)

LATITUDE = 39.59.53.26" (39.998128)

LONGITUDE = 109"18'40.02" (109.311117)

(NAD 27)

LATITUDE = 39'59'53.38" (39.998161)

LONGITUDE = 109"8"37.58" (109.310439)

EOG RESOURCES, INC.

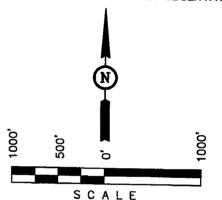
Well location, CWU #1107-34, located as shown in the NW 1/4 NE 1/4 of Section 34. T9S, R23E. S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCHMARK 58 EAM (1965) LOCATED IN THE NE 1/4 OF SECTION 30, T9S, R23E, S.L.B.&M. TAKEN FROM THE RED WASH SE, QUADRANGLE, UTAH, UINTAH COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5132 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



THIS IS TO CERTIFY THAT THE ABOVE TO THE OR UNITED BY ME OR UN BEST OF MY KNOWLEDGE AND BE

STRATION NO. 161319

LAND SURVEYING UINTAH ENGINEERING 85 SOUTH 200 EAST -VERNAL UTAH 84078 (435) 789-1017

SCALE DATE SURVEYED: DATE DRAWN: 1" = 1000' 11-7-05 12-16-05 PARTY REFERENCES G.S. M.A. K.G. G.L.O. PLAT WEATHER FILE COLD EOG RESOURCES, INC.

CHAPITA WELLS UNIT 1107-34 NW/NE, SEC. 34, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	1,407		Shale	
Wasatch	4,313		Sandstone	
Chapita Wells	4,863		Sandstone	
Buck Canyon	5,517		Sandstone	
North Horn	6,029		Sandstone	
KMV Price River	6,271	Primary	Sandstone	Gas
KMV Price River Middle	7,129	Primary	Sandstone	Gas
KMV Price River Lower	7,909	Primary	Sandstone	Gas
Sego	8,415		Sandstone	
TD	8,620			

Estimated TD: 8,620' or 200'± below TD

Anticipated BHP: 4,707 Psig

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft \pm of the Green River Formation, with top at about 2,000 ft \pm .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.
- 3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig

BOP schematic diagrams attached.

4. CASING PROGRAM:

CASING	<u>Hole</u> Size	<u>Length</u>	<u>Size</u>	WEIGHT	<u>Grade</u>	<u>Thread</u>	Rating Collapse	<u>Factor</u> <u>Burst</u>	<u>Tensile</u>
Conductor	17 1/2"	0 – 45'	13 %"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 1/4"	Surface – 2,300' KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8"	Surface - TD	4-1/2"	11.6#	N-80	LTC	6350 PSI	7780 Psi	233,000#

Note: $12-\frac{1}{4}$ surface hole will be drilled to a total depth of $200^{\circ}\pm$ below the base of the Green River lost circulation zone and cased w/9- $\frac{5}{8}$ as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

CHAPITA WELLS UNIT 1107-34 NW/NE, SEC. 34, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

5. Float Equipment:

Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of its. #2 and #3 then every 5th joint to surface. (15 total)

Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-1/2", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

6. MUD PROGRAM

Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

<u>Production Hole Procedure (2300'± - TD):</u> Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

2300'±-TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

CHAPITA WELLS UNIT 1107-34 NW/NE, SEC. 34, T9S, R23E, S.L.B.&M.. **UINTAH COUNTY, UTAH**

8. EVALUATION PROGRAM:

Logs:

Mud log from base of surface casing to TD.

Cased-hole Logs:

Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

Cement Bond / Casing Collar Locator and Pulsed Neutron

9. CEMENT PROGRAM:

Surface Hole Procedure (Surface - 2300'±):

Lead:

185 sks Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCI₂, 3 lb/sx GR3

1/4 #/sx Flocele mixed at 11 ppg, 3.82 ft³/sk. yield, 23 gps water.

Tail:

207 sks Class "G" cement with 2% CaCI₂, ½#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk., 5.2

gps water.

Top Out: As necessary with Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6 ppg, 1.18

ft³/sk., 5.2 gps water.

Note:

Cement volumes will be calculated to bring lead cement to surface and tail cement to

500'above the casing shoe.

Production Hole Procedure (2300'± - TD)

Lead:

112 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44

(Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29

(cello flakes) mixed at 11.0 ppg, 3.91 ft³/sk., 24.5 gps water.

Tail:

845 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13

(Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at

14.1 ppg, 1.28 ft³/sk., 5.9gps water.

Note:

The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

CHAPITA WELLS UNIT 1107-34 NW/NE, SEC. 34, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

Lost circulation

Production Hole (2300' \pm - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

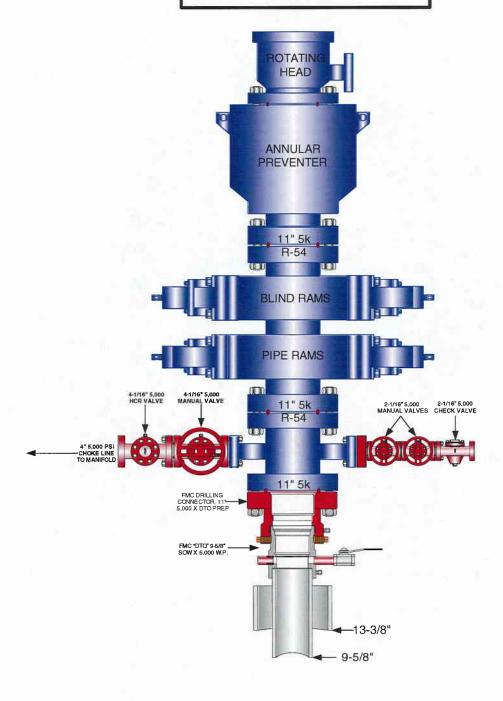
12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

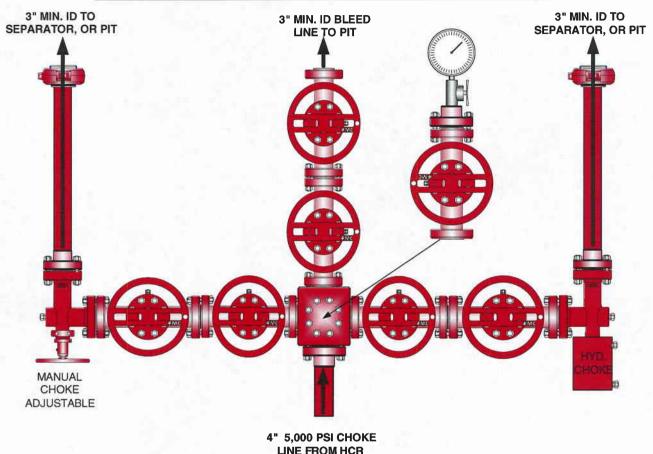
EOG RESOURCES 11" 5,000 PSI W.P. BOP CONFIGURATION

PAGE 1 OF 2



EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES

PAGE 2 0F 2



LINE FROM HCR **VALVE**

Testing Procedure:

- 1. BOP will be tested with a professional tester to conform to Onshore Order #2.
- 2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
- 3. Annular Preventer will be tested to 50% working pressure, 2,500 psi. Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, whichever is greater.
- 4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
- 5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.



Chapita Wells Unit 1107-34 NWNE, Section 34, T9S, R23E Uintah County, Utah

SURFACE USE PLAN

The well pad is approximately 325 feet long with a 246-foot width, containing 1.84 acres more or less. The well access road is approximately 80 feet long with a 40-foot right-of-way, disturbing approximately .07 acre. New surface disturbance associated with the well pad and access road is estimated to be 1.91 acres. The pipeline is approximately 550 feet long with a 40-foot right-of-way disturbing approximately .51 acre.

1. Existing Roads:

- A. See attached Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 55.3 miles south of Vernal, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

2. PLANNED ACCESS ROAD:

- A. The access road will be approximately 80' in length. See attached Topo B.
- B. The access road has a 40-foot ROW w/18 foot running surface.
- C. Maximum grade of the new access road will be 8 percent.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.
- I. A 40-foot permanent right-of-way is requested. No surfacing material will be used.

J. No additional storage areas will be needed for storing equipment, stockpiling, or vehicle parking.

All travel will be confined to existing access road rights-of-way.

New or reconstructed roads will be centerlined – flagged at time of location staking. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction.

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed, safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 40-foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the roadbed block the drainages. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around then avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

Traveling off the 40-foot right-of-way will not be allowed. The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

An off-lease right-of-way is not required. The entire length of the proposed access road is located within Federal Lease # U-37943.

3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:

See attached TOPO map "C" for the location of wells within a one-mile radius.

4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

A. On Well Pad

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) 400-bbl vertical tanks and attaching piping.
- 2. Gas gathering lines A 4" gathering line will be buried from dehy to the edge of the location.

B. Off Well Pad

- 1. Proposed pipeline will transport natural gas.
- 2. The pipeline will be a permanent feeder line.
- 3. The length of the proposed pipeline is 550' x 40'. The proposed pipeline leaves the northwestern edge of the well pad (Lease U-37943) proceeding in a easterly, then southeasterly direction for an approximate distance of 550' tieing into an existing pipeline in the NWNE of Section 34, T9S, R23E (Lease U-37943). Pipe will be 4" NOM, 0.156 wall, Grade X42, Zap-Lock, electric weld with a 35 mil X-Tru coating.
- 4. Proposed pipeline will be a 4" OD steel, zap-lok line laid on the surface
- 5. Proposed pipeline will be laid on surface.
- 6. An off-lease right-of-way is not required. The entire length of the proposed pipeline is located within Federal Lease # U-37943.
- 7. The proposed pipeline route begins in the NWNE of section 34, township 9S, range 23E, proceeding easterly, then southeasterly for an approximate distance of 550' to the NWNE of section 34, township 9S, range 23E.
- 8. Pipeline will be coupled using the Zap lock method. No additional off-pad facilities will be required.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. All facilities will be painted with Carlsbad Canyon or Covert Green. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

5. LOCATION AND TYPE OF WATER SUPPLY:

- A. Water supply will be Bonanza Power Plant water source in Sec 26, T8S, R23E, Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. Source of Construction Materials:

- A. All construction material for this pipeline will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

7. METHODS OF HANDLING WASTE DISPOSAL:

A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, CWU 550-30N SWD, CWU 2-29 SWD, Red Wash Evaporation ponds 1, 2, 3 or 4 or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit, through natural or artificial methods, or removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with felt, and a 16-millimeter plastic liner. Sufficient bedding (i.e. weed free straw, or hay; felt; polyswell or soil) will be used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing or completion of the well.

8. Ancillary Facilities:

None anticipated.

9. WELL SITE LAYOUT:

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the southwest corner of the location. The flare pit will be located downwind of the prevailing wind direction on the west side of the location, a minimum of 100 feet from the wellhead and 30 feet from the reserve pit fence.

The stockpiled pit topsoil (first six inches) will be stored separate from the location topsoil west of corner #5. The stockpiled location topsoil will be stored in a location providing easy access for interim reclamation and protection of the topsoil. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture from this location and then walked down with a Caterpillar tractor.

Access to the well pad will be from the south.

The corners of the well pad will be rounded off as needed to minimize excavation.

FENCING REQUIREMENTS:

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.)
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distances between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently counted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

10. Plans for Reclamation of the Surface:

A. Interim Reclamation (Producing Location)

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of the well completion, or as soon as environmental conditions allow. Before any dirt takes place, the reserve pit must be completely dry and free of all foreign obstacles.

The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

Seed Mixture	Drilled Rate (lbs./acre PLS*)
HyCrest Wheatgrass	9.0
Prostrate Kochia	3.0

^{*}Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

B. Dry Hole/Abandoned Location

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriated surface rehabilitation conditions of approval.

Seed Mixture	Drilled Rate (lbs./acre PLS*)
Wyoming Big Sage	3.0
Shadscale	3.0
Needle and Threadgrass	3.0
HyCrest Wheatgrass	1.0
Scarlet Globe Mallow	1.0

^{*}Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

11. SURFACE OWNERSHIP:

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

Bureau of Land Management

12. OTHER INFORMATION:

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:
 - Whether the materials appear eligible for the National Register of Historic Places:
 - The mitigation measures the operator will likely have to undertake before the site can be used.
 - A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application or herbicides or other pesticides or possible hazardous chemicals.
- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)
- D. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A cultural resources survey was conducted and submitted by Montgomery Archaeological Consultants on April 24, 2006. A paleontological survey was conducted and submitted by Intermountain Paleo on February 9, 2006.

Additional Surface Stipulations:

None.

LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

PERMITTING AGENT

Mary A. Maestas EOG Resources, Inc. 1060 East Highway 40 Vernal, UT 84078 (435) 781-9111

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

The operator or his/her contractor shall contact the BLM office at (435) 781-4400 forty-eight (48) hours prior to construction activities.

CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

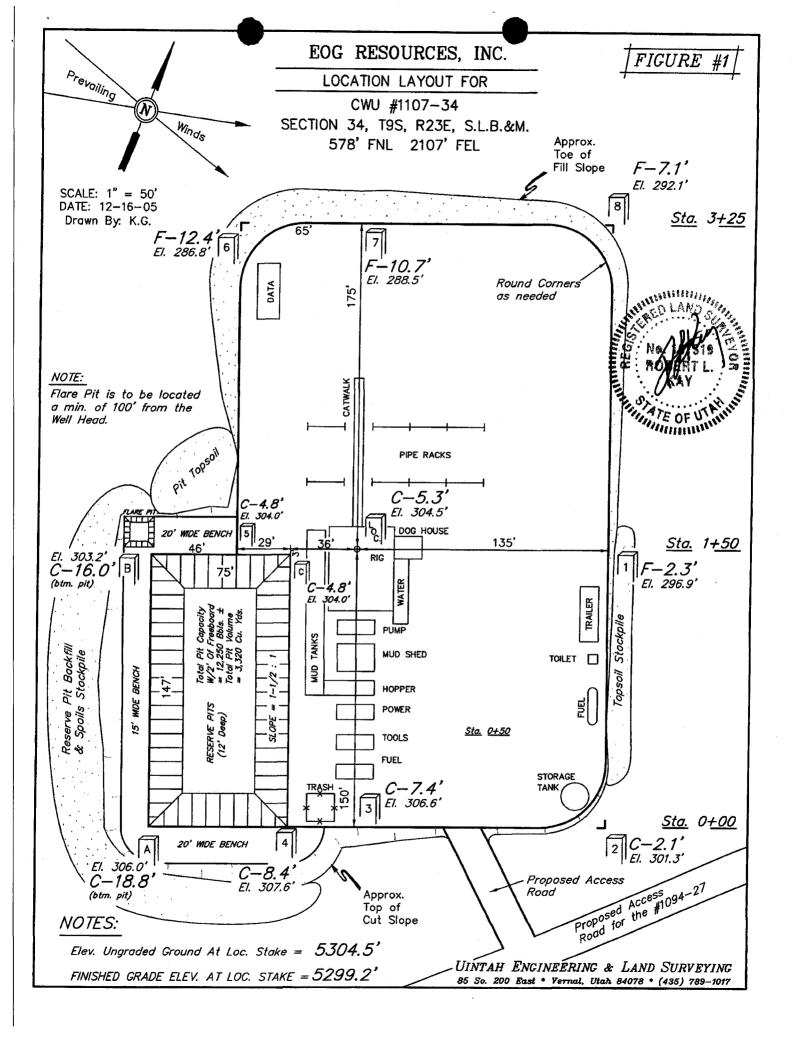
Please be advised that EOG Resources, Inc. is considered to be the operator of the Chapita Wells Unit 1107-34 Well, located in the NWNE, of Section 34, T9S, R23E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

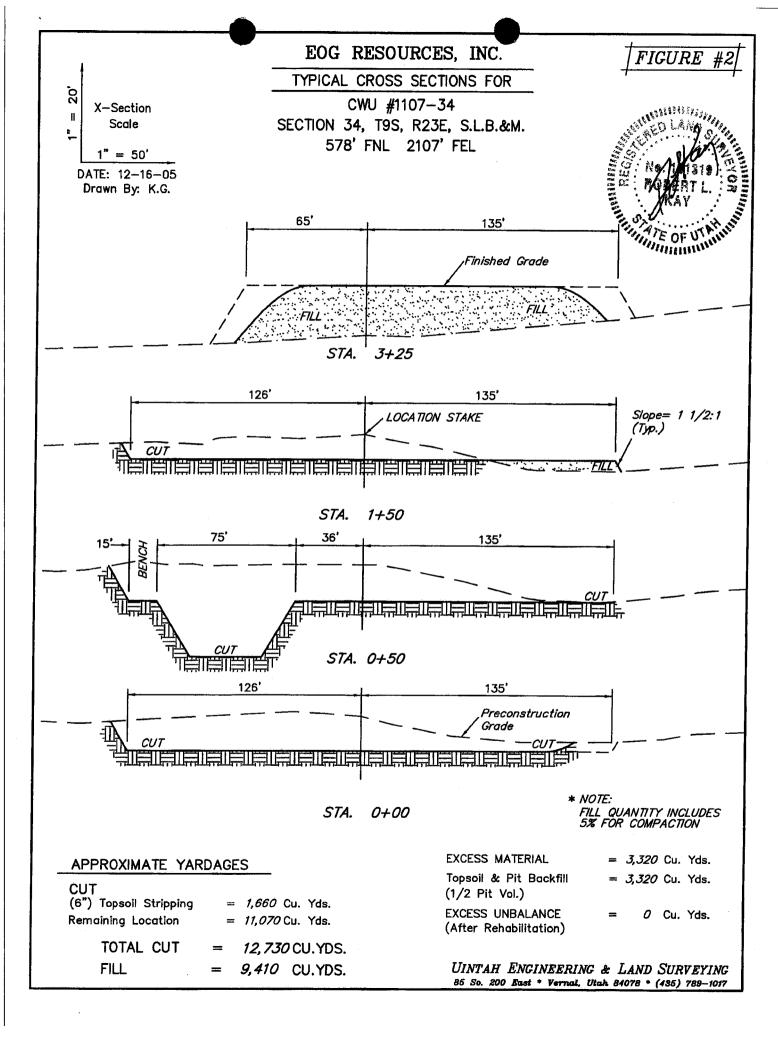
January 10, 2008

Date

Mary A. Maestas, Regulatory Assistant

Date of onsite: December 20, 2007





EOG RESOURCES, INC. CWU #1107-34

LOCATED IN UINTAH COUNTY, UTAH SECTION 34, T9S, R23E, S.L.B.&M.

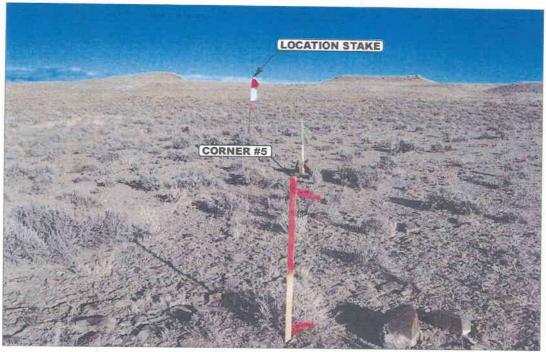


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



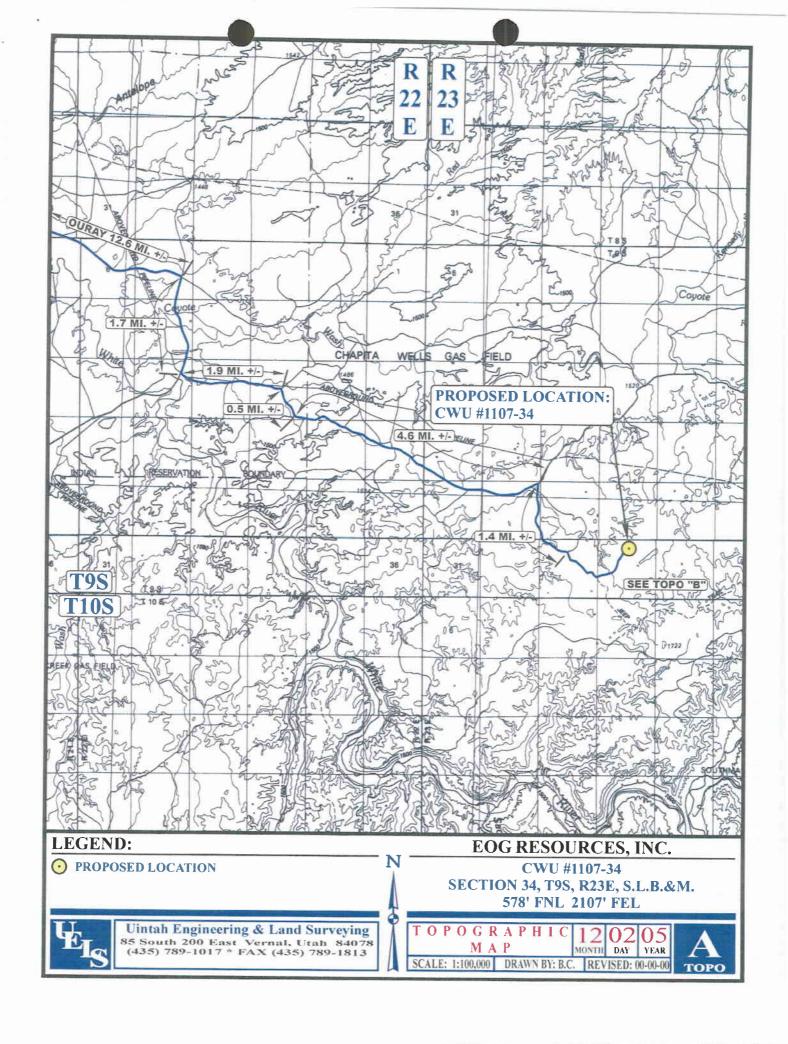
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

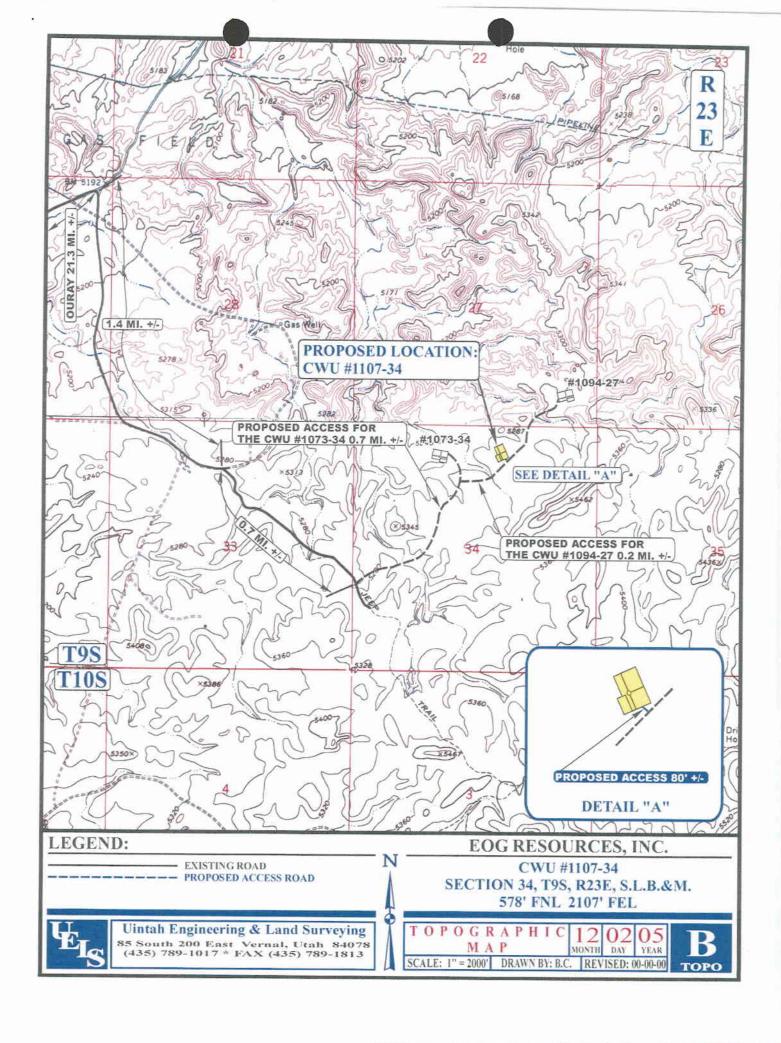
LOCATION PHOTOS

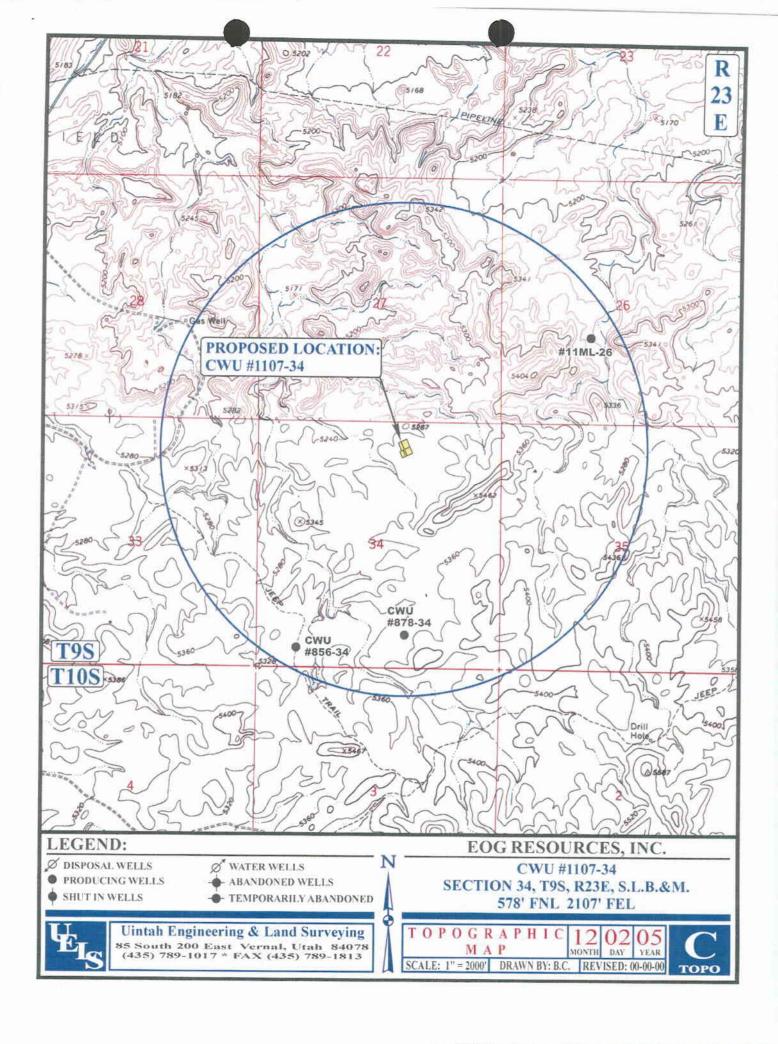
12 02 05 MONTH DAY YEAR YEAR

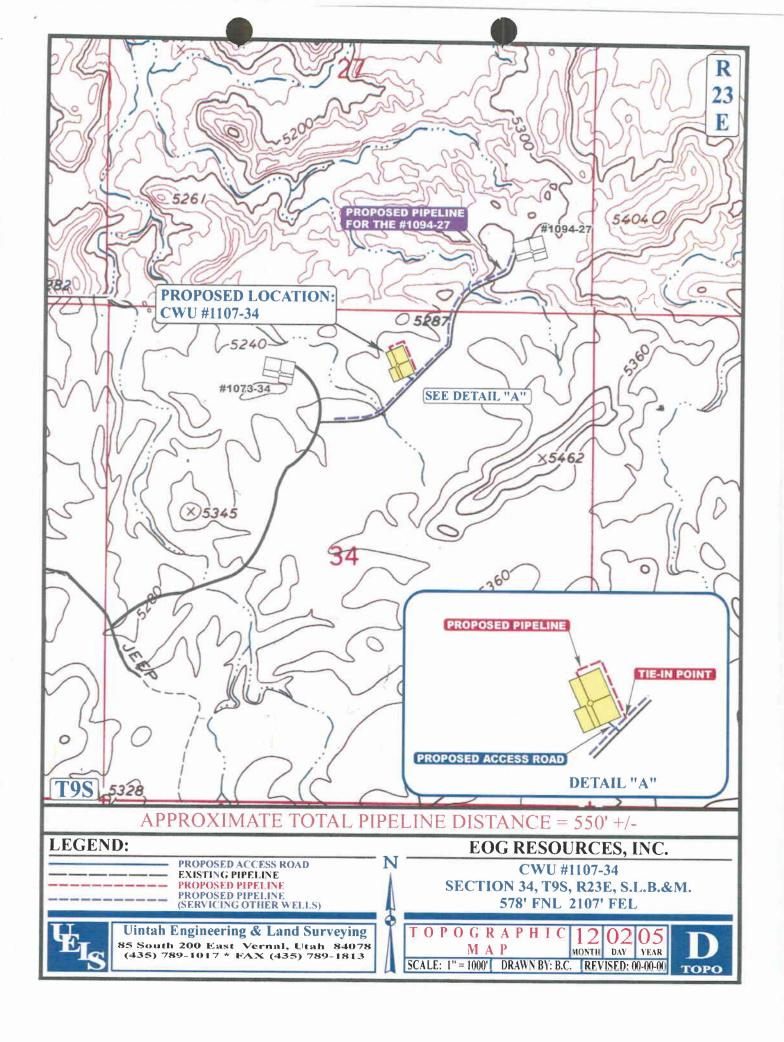
РНОТО

TAKEN BY: J.R. | DRAWN BY: B.C. | REVISED: 00-00-00







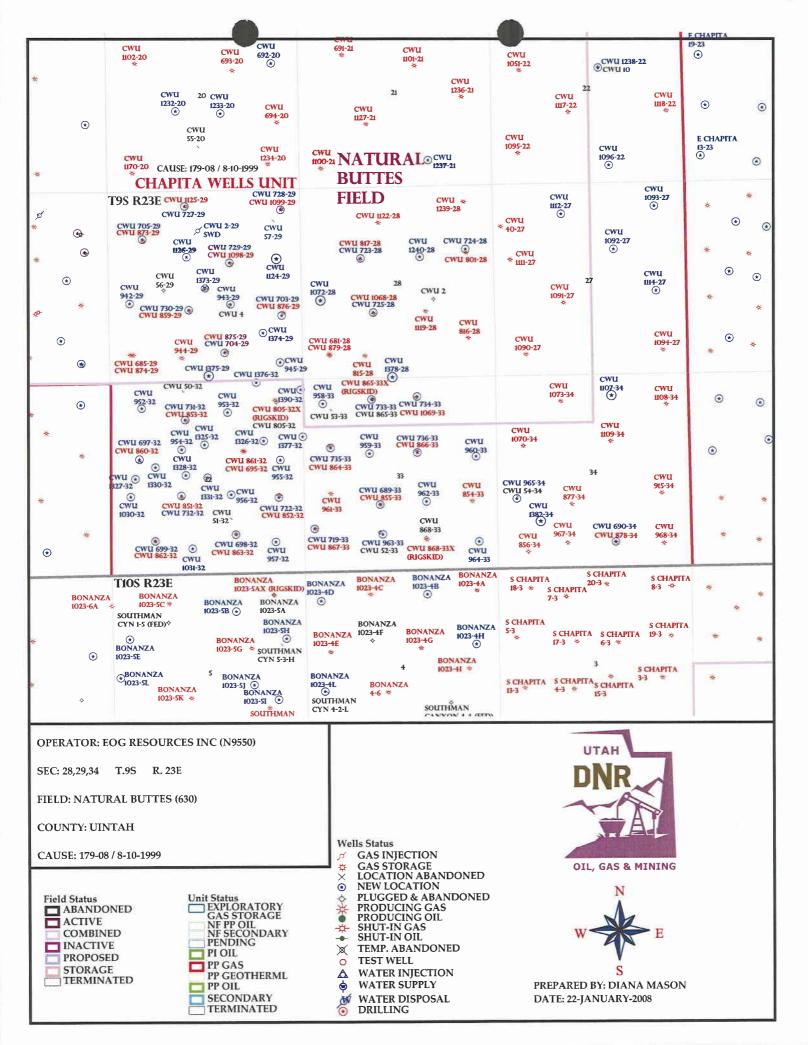


WORKSHEET

APPLICATION FOR PERMIT TO DRILL

			- ' '	
APD RECEIVED: 01/16/2008		API NO. ASSIG	GNED: 43-04	7-39916
WELL NAME: CWU 1107-34				
OPERATOR: EOG RESOURCES, INC. (N9550)		PHONE NUMBER:	303-824-552	6
CONTACT: MARY MAESTAS				
PROPOSED LOCATION:		INSPECT LOCATN	BY: /	/
NWNE 34 090S 230E SURFACE: 0578 FNL 2107 FEL		Tech Review	Initials	Date
BOTTOM: 0578 FNL 2107 FEL		Engineering		
COUNTY: UINTAH		Geology		
LATITUDE: 39.99816 LONGITUDE: -109.3105 UTM SURF EASTINGS: 644230 NORTHINGS: 44287	710	Surface		
FIELD NAME: NATURAL BUTTES (630				
LEASE TYPE: 1 - Federal LEASE NUMBER: UTU37943 SURFACE OWNER: 1 - Federal		PROPOSED FORMA COALBED METHAN		.D
RECEIVED AND/OR REVIEWED: Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. NM 2308 Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 49-225 ACM RDCC Review (Y/N) (Date: Drilling Unit Board Cause No: Eff Date: Siting: Drilling Unit Board Cause No: Eff Date: Siting: R649-3-11. Directional Drill				39 Sonns
STIPULATIONS:	Oppma			

Lease to



United States Department of the Interior

BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

January 23, 2008

Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2008 Plan of Development Chapita Wells Unit Uintah

County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2008 within the Chapita Wells Unit, Uintah County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ MesaVerde)

43-047-39912 CWU 1072-28 Sec 28 T09S R23E 2165 FSL 0534 FWL 43-047-39913 CWU 1378-28 Sec 28 T09S R23E 0025 FSL 2460 FWL 43-047-39914 CWU 1375-29 Sec 29 T09S R23E 0154 FSL 2579 FEL 43-047-39915 CWU 1124-29 Sec 29 T09S R23E 1960 FNL 0665 FEL 43-047-39916 CWU 1107-34 Sec 34 T09S R23E 0578 FNL 2107 FEL 43-047-39917 CWU 1382-34 Sec 34 T09S R23E 1298 FSL 1166 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc:

File - Chapita Wells Unit

Division of Oil Gas and Mining

Central Files Agr. Sec. Chron Fluid Chron

MCoulthard:mc:1-23-08



JON M. HUNTSMAN, JR Governor

GARY R. HERBERT Lieutenant Governor

State of Utah DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

January 23, 2008

EOG Resources, Inc 1060 East Highway 40 Vernal, UT 84078

Re:

Chapita Wells Unit 1107-34 Well, 578' FNL, 2107' FEL, NW NE, Sec. 34, T. 9 South,

R. 23 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39916.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc:

Uintah County Assessor

Bureau of Land Management, Vernal Office



Operator:	EOG Resources, Inc				
Well Name & Number	Chapita Wells Unit 1107-34				
API Number:	43-047-39916				
Lease:	UTU37943				
Location: NW NE	Sec. 34 T. 9 South	R . 23 Fast			

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division with 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

RECEIVED

Lease Serial No. UTU37943

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

JAN 1 0 2008

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

APPLICATION FOR PERMIT	TO DRILL OR RE	ENTERBLM	6. If Indian, Allottee or Tribe	Name
Ia. Type of Work: DRILL REENTER			7. If Unit or CA Agreement, I UTU63013X	Name and No.
1b. Type of Well: ☐ Oil Well Gas Well ☐ Oth	er 🛮 🗖 Single	Zone Multiple Zone	8. Lease Name and Well No. CWU 1107-34	
	MARY A. MAESTAS aestas@eogresources.com		9. API Well No. 43-047-399/	6
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078	3b. Phone No. (include Ph: 303-824-5526		10. Field and Pool, or Explor NATURAL BUTTES	atory
4. Location of Well (Report location clearly and in accorda	nce with any State requir	ements.*)	11. Sec., T., R., M., or Blk. a	nd Survey or Area
At surface NWNE 578FNL 2107FEL 3 At proposed prod. zone NWNE 578FNL 2107FEL 3	•		Sec 34 T9S R23E M SME: BLM	er SLB
14. Distance in miles and direction from nearest town or post off 55.3 MILES SOUTH OF VERNAL, UTAH	ice*	· · · · · · · · · · · · · · · · · · ·	12. County or Parish UINTAH	13. State
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 578'	16. No. of Acres in Lea	se	17. Spacing Unit dedicated to	this well
 Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 1240' 	19. Proposed Depth 8620 MD		20. BLM/BIA Bond No. on f NM2308	ile
21. Elevations (Show whether DF, KB, RT, GL, etc. 5305 GL	22. Approximate date v	work will start	23. Estimated duration 45 DAYS	
	24. Atta	chments		
The following, completed in accordance with the requirements of C	Onshore Oil and Gas Order	No. 1, shall be attached to this f	form:	
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office 	n Lands, the e).	Item 20 above). 5. Operator certification	ns unless covered by an existing ormation and/or plans as may be	
25. Signature (Electronic Submission)	Name (Printed/Typed) MARY A. MAES	TAS Ph: 303-824-5526	3	Date 01/10/2008
Title REGULATORY ASSISTANT				
Approved by (Signature)	Name (Printed/Typed)			Date
Title Massisian Feld Manager	JERRY KENCER	4		4-11-2008
Lands & Mineral Resources		FIELD OFFICE		
Application approval does not warrant or certify the applicant hold operations thereon. Conditions of approval, if any, are attached.	s legal or equitable title to	those rights in the subject lease	which would entitle the applican	t to conduct
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, m States any false, fictitious or fraudulent statements or representation	ake it a crime for any pers ns as to any matter within	on knowingly and willfully to maits jurisdiction.	ake to any department or agency	of the United
Electronic Submiss For E Committed to AFMSS fo	OG RESOURCES	by the BLM Well Information, sent to the Vernal ALL JENKINS on 01/10/20		ECEIVED

4006M

NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING

APR 18 2008

TIONS OF APPROVAL

** BLM REVISED **

NOS: 12/06/07

08 MICO153 AE



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VERNAL FIELD OFFICE VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Well No:

EOG Resources Inc.

Location:

NWNE, Sec. 34, T9S, R23E

lo: CWU 1107-34

Lease No:

UTU- 37943

API No:

43-047-39916

Agreement:

Chapita Wells Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:		(435) 781-4476	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
		Fax: (435) 781-3420	

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

Site Specific Conditions of Approval:

- Production casing cement shall be brought up and into the surface casing. The minimum cement top is 200 ft above the surface casing shoe.
 - o COA specification is consistent with operators performance standard stated in APD.
- A variance is granted for Onshore Order #2 Drilling Operations III. E. "Blooie line discharge 100 feet from well bore and securely anchored" Blooie line can be 75 feet.
 - All requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E.
- Drilling Operations, Special Drilling Operations, air/gas drilling.
- A Gamma Ray well Log shall be run from the well Total Depth to the surface.
 - o A copy of the Gamma Ray well Log shall be submitted to the BLM Vernal Field Office.
- Covering air/gas drilling operations, requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E. 1. Drilling Operations, Special Drilling Operations, air/gas drilling.

DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

• Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this would include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt. During interim management of the surface, use the following seed mix:

9 lbs Hycrest Wheatgrass and 3 lbs Kochia

- If paleontological materials are uncovered during construction, the operator is to immediately stop work, and contact the Authorized Officer (AO). A report will be prepared by the Paleontologist and submitted to the BLM at the completion of surface disturbing activities.
- All the culverts would be installed according to the BLM Gold Book.
- The road and well pad will have road base on the surface.
- Bury pipeline at all low water crossings.
- Permission from an authorized BLM representative would be required if construction or other operations occur during wet conditions that would lead to excessive rutting.
- Permission to clear all wildlife stipulations would only be approved by the BLM wildlife biologist during the specific timing for the species potentially affected by this action.
- Culverts and gravel may be installed as needed.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- <u>Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in</u> advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the

daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water
 is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM
 Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM,
 Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum
 Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
 notified when it is placed in a producing status. Such notification will be by written
 communication and must be received in this office by not later than the fifth business day
 following the date on which the well is placed on production. The notification shall provide, as a
 minimum, the following informational items:
 - o Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will
 be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be
 reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major
 Events" will be reported in writing within 15 days. "Minor Events" will be reported on the
 Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field
 Office Petroleum Engineers will be provided with a date and time for the initial meter calibration
 and all future meter proving schedules. A copy of the meter calibration reports shall be
 submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API
 standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All
 measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted
 to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs
 first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be
 adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively
 sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
 equipment shall be removed from a well to be placed in a suspended status without prior
 approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
 before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM

Operator:

EOG Resources, Inc.

Operator Account Number: N 9550

Address:

600 17th St., Suite 1000N

city Denver

zip 80202 state CO

Phone Number: (303) 824-5526

Well 1

API Number	Well	QQ	Sec	Twp	Rng	County			
43-047-39916	Chapita Wells Unit 1	NWNE	34	98	23E	Uintah			
Action Code	Current Entity Number	New Entity Number	s	Spud Date			ity Assignment ffective Date		
В	99999	13650	6	6/24/2008		6/30/08			
comments:	averde well	13650		0/24/200		16/	30/0		

Well 2

API Number	Well	Name	QQ	Sec	Twp	Rng	County			
43-047-38529	Natural Buttes Unit 5	570-17E	SENE	17	108	21E	Uintah			
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date				
В	99999	2900	6/24/2008			6%	6/30/08			
Comments: Was	atch/Mesaverde well MVRD = W	SMVD								

Wall 3

API Number	Well	QQ	Sec	Twp	Rng	Rng County		
Action Code	Current Entity Number	New Entity Number	Spud Date				y Assignment fective Date	
omments:								

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

DIV. OF OIL, GAS & MINING

Mary A. Maestas Name (Please Print)

Signature

Regulatory Assistant Title

6/25/2008

Date

JUN 2 5 2008

RECEIVED

(5/2000)

DIV. OF OIL, GAS & MINING

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: EOG Resour	ces, Inc.		
Well Name: <u>CWU 1107-34</u>		·	
API No: 43-047-39916	Lease Type	e: <u>Fede</u>	ral
Section 34 Township 098	Range 23E County U	intah	,
Drilling Contractor Rocky Mour	ntain Drilling	Rig#_	Bucket
SPUDDED:			
Date <u>6-24-08</u>			
Time 12:00 PM			
How_Dry	and the state of t		
Drilling will Commence:			
Reported by <u>Jerry Barnes</u>			
Telephone # 435-823-1720			
Date 6-24-08	Signed_	RM	

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

R	UREAU OF LAND MANA	GEMENT			Бирисо.	Daily 31, 2010
	NOTICES AND REPO		ELLS		5. Lease Serial No. UTU37943	
Do not use the abandoned we	is form for proposals to II. Use form 3160-3 (AP	drill or to re D) for such p	-enter an proposals.		6. If Indian, Allottee o	or Tribe Name
SUBMIT IN TRI	PLICATE - Other instru	ctions on rev	erse side.		7. If Unit or CA/Agree CHAPITA WELI	ement, Name and/or No. LS UNI
Type of Well Oil Well	ner				8. Well Name and No. CHAPITA WELLS	UNIT 1107-34
2. Name of Operator EOG RESOURCES INC.	Contact: E-Mail: mary_mae	MARY A. MA estas@eogreso			9. API Well No. 43-047-39916	
3a. Address 600 17TH STREET SUITE 10 DENVER, CO 80202	00N	3b. Phone No Ph: 303-82	o. (include area code 24-5526	e)	10. Field and Pool, or NATURAL BUT	Exploratory TES/MESAVERDE
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description	ı)			11. County or Parish,	and State
Sec 34 T9S R23E NWNE 578 39.99813 N Lat, 109.31112 W					UINTAH COUN	TY, UT
12. CHECK APPI	ROPRIATE BOX(ES) TO	O INDICATE	NATURE OF	NOTICE, R	EPORT, OR OTHE	R DATA
TYPE OF SUBMISSION			ТҮРЕ С	F ACTION		
☐ Notice of Intent	☐ Acidize	☐ Dee	pen	☐ Produc	tion (Start/Resume)	☐ Water Shut-Off
_	☐ Alter Casing	☐ Frac	cture Treat	□ Reclam	ation	■ Well Integrity
Subsequent Report	□ Casing Repair	□ Nev	v Construction	□ Recom	plete	⊠ Other
☐ Final Abandonment Notice	☐ Change Plans	Plug	g and Abandon	□ Tempor	rarily Abandon	Well Spud
	☐ Convert to Injection	Plug	g Back	■ Water I	Disposal	
Attach the Bond under which the wor following completion of the involved testing has been completed. Final At determined that the site is ready for f. The referenced well spud on 6	operations. If the operation repandonment Notices shall be fil inal inspection.) 6/24/2008.	sults in a multipl	le completion or rec	completion in a	new interval, a Form 316	0-4 shall be filed once
14. I hereby certify that the foregoing is	Electronic Submission		I by the BLM We NC., sent to the		System	
Name(Printed/Typed) MARY A.	MAESTAS		Title REGU	LATORY AS	SISTANT	
Signature MOFJecthoric S	subshikshan fan		Date 06/25/2	2008		
	THIS SPACE FO	OR FEDERA	L OR STATE	OFFICE U	SE	
Approved By			Title		- sit-of-t-o	Date
Conditions of approval, if any, are attache certify that the applicant holds legal or equivalent would entitle the applicant to conduct the conduction of th	uitable title to those rights in the		Office			
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent	U.S.C. Section 1212, make it a statements or representations as	crime for any pe to any matter w	rson knowingly an ithin its jurisdiction	d willfully to m	ake to any department or	agency of the United



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

	FORM APPROVED OMB NO. 1004-0135
	Expires: July 31, 2010
5. Le	ease Serial No.

	NOTICES AND REPO		UTU37943				
Do not use the abandoned we	is form for proposals to II. Use form 3160-3 (API	drill or to re- D) for such p	enter an roposals.		6. If Indian, Allottee of	or Tribe Name	
SUBMIT IN TRI	PLICATE - Other instruc	tions on reve	erse side.		7. If Unit or CA/Agree CHAPITA WELI	ement, Name and/or No. LS UNI	
Type of Well	ner				8. Well Name and No. CHAPITA WELLS	S UNIT 1107-34	
2. Name of Operator EOG RESOURCES, INC.		MARY A. MAI stas@eogresou			9. API Well No. 43-047-39916		
3a. Address 600 17TH STREET SUITE 10 DENVER, CO 80202	00N	3b. Phone No. Ph: 303-824	(include area cod 1-5526	le)	10. Field and Pool, or NATURAL BUT	Exploratory TES	
4. Location of Well (Footage, Sec., T	R., M., or Survey Description,)			11. County or Parish,	and State	
Sec 34 T9S R23E NWNE 578 39.99813 N Lat, 109.31112 W					UINTAH COUN	TY, UT	
12. CHECK APPR	ROPRIATE BOX(ES) TO	INDICATE	NATURE OF	NOTICE, RI	EPORT, OR OTHE	R DATA	
TYPE OF SUBMISSION			TYPE (OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deep	en	☐ Product	ion (Start/Resume)	☐ Water Shut-Off	
_	☐ Alter Casing	☐ Fract	ure Treat	□ Reclam	ation	Well Integrity	
Subsequent Report	□ Casing Repair	■ New	Construction	□ Recomp	olete	Other	
☐ Final Abandonment Notice	☐ Change Plans	Plug	and Abandon	☐ Tempor	arily Abandon	Production Start-up	
	□ Convert to Injection	Plug	Back	■ Water I	Disposal		
determined that the site is ready for f The referenced well was turne report for drilling and completi	ed to sales on 9/3/2008. P on operations performed o			rations summ	ary		
14. I hereby certify that the foregoing is	Electronic Submission #	62777 verified RESOURCES, I	by the BLM W NC., sent to th	ell Information e Vernal	System		
Name(Printed/Typed) MARY A.	MAESTAS		Title REGU	JLATORY AS	SISTANT		
Signature \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Submission Let Jo-		Date 09/05/	/2008			
	THIS SPACE FO	R FEDERA	L OR STATI	OFFICE U	SE		
					RE	CEIVED	
Approved By			Title	·	- 1	Date	
Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to conditions.	uitable title to those rights in the act operations thereon.	e subject lease	Office		SE DIV OF	O	
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent	U.S.C. Section 1212, make it a statements or representations as	crime for any pe to any matter wi	rson knowingly a thin its jurisdiction	nd willfully to m	ake to any department or	agency of the United	

WELL CHRONOLOGY **REPORT**

Report Generated On: 09-04-2008

Well Name	CWU 110734	Well Type	DEVG	Division	DENVER
Field	CHAPITA DEEP	API#	43-047-39916	Well Class	ISA
County, State	UINTAH, UT	Spud Date	07-10-2008	Class Date	09-04-2008
Tax Credit	N	TVD/MD	8,620/ 8,620	Property #	057808
Water Depth	0	Last CSG	0.0	Shoe TVD / MD	7,192/7,192
KB / GL Elev	5,312/5,2(5)				
Location	Section 3= 19S, R23E,	NWNE, 578 FNL & 210	07 FEL		

Event No	1.0		Description	DR	ILL & COMPLET	E				
Operator	EOG RES	JRCES, INC	WI %	55.5	503		NRI %		47.504	
AFE No	303)	AFE Total		1,746,400		DHC/C	cwc	880,7	700/ 865,700
Rig Contr	ELENBUR	Rig Nan	ne ELENBU	RG #29	Start Date	02-	14-2008	Release	Date	07-18-2008
02-14-2008	Reported	Ву	CINDY VAN RANK	ĒŇ						
DailyCosts: Da	rilling	S 0	Comp	letion	\$0		Dail	y Total	\$0	
Cum Costs: D	rilling	§0	Comp	letion	\$0		Well	Total	\$0	
MD	0 TV D	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:		PBTD:	0.0		Perf:			PKR D	epth: 0.	0

Activity at Report Time: LOCATION DATA

Start End Hrs **Activity Description** 06:00 06:00 24.0 LOCATION DATA

> 578' FNL & 2107' FEL (NW/NE) **SECTION 34, T9S, R23E** UINTAH COUNTY, UTAH

LAT 39.998161, LONG 109.310439 (NAD 27) LAT 39.998128, LONG 109.311117 (NAD 83)

ELENBURG #29

OBJECTIVE: 8620' TD, MESAVERDE

DW/GAS

CHAPITA WELLS DEEP PROSPECT DD&A: CHAPITA WELLS DEEP NATURAL BUTTES FIELD

LEASE: UTU-37943

ELEVATION: 5304.5' NAT GL, 5299.2' PREP GL (DUE TO ROUNDING 5299' IS THE PREP GL), 5312' KB (13')

EOG WI 50.0328%, NRI 47.15451%

06-13-2008 Repo: By TERRY CSERE

DailyCosts: Drilling	\$38,000		Cor	mpletion	\$0		Daily	y Total	\$38,000	
Cum Costs: Drilling	\$38,000		Cor	mpletion	\$0		Well	Total	\$38,000	
MD 0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :	P	BTD: 0.0	0		Perf:			PKR De	pth: 0.0	
Activity at Report Ti	me: BUILD LO	CATION								
Start End	Hrs Activ	ity Descr	ription							
06:00 06:00	24.0 STAR	T LOCATI	ION.							
06-16-2008 R	eported By	TE	RRY CSERE							
DailyCosts: Drilling	\$0		Cor	mpletion	\$0		Daily	y Total	\$0	
Cum Costs: Drilling	\$38,000		Cor	mpletion	\$0		Well	Total	\$38,000	
MD 0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
ormation :	P	BTD: 0.6	0		Perf:			PKR De	pth: 0.0	
activity at Report Ti	me: BUILD LO	CATION			•					
Start End	Hrs Activ	ity Descr	ription							
06:00 06:00	24.0 ROCK	KED OUT.	DRILLING R	OCK.						
6-17-2008 Re	eported By	TEI	RRY CSERE							
DailyCosts: Drilling	\$0		Cor	mpletion	\$0		Daily	Total	\$0	
Cum Costs: Drilling	\$38,000		Cor	mpletion	\$0		Well	Total	\$38,000	
MD 0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
			_ 10g1000							
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		BTD: 0.0	U		=			PKR De _l	pth: 0.0	
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Property: 057808 Field: CHAPITA DEEP

DailyCosts	: Drilling	\$0		Com	pletion	\$0		Daily '	Total	\$0	
Cum Costs	s: Drilling	\$38,000)	Com	pletion	\$0		Well T	Total	\$38,000	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	:	J	PBTD : 0	0.0		Perf:			PKR Dep	oth: 0.0	
Activity at	Report Tir	ne: BUILD LO	OCATION								
Start	End	Hrs Acti	vity Desc	cription							
06:00	06:00	24.0 SHO	OTING TO	DDAY.							
06-23-200	8 Re	ported By	T	ERRY CSERE							
DailyCosts	: Drilling	\$0		Con	pletion	\$0		Daily	Total	\$0	
Cum Costs	s: Drilling	\$38,00	0	Con	pletion	\$0		Well 7	Total	\$38,000	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	ı :	!	PBTD : 0	0.0		Perf:			PKR Dep	oth: 0.0	
Activity at	Report Ti	ne: BUILD LO	OCATION								
Start	End	Hrs Acti	ivity Desc	cription							
06:00	06:00	24.0 PUS	HING OU	T PIT.				-			
06-24-200)8 Re	ported By	T	ERRY CSERE							
DailyCosts	s: Drilling	\$0		Con	pletion	\$0		Daily	Total	\$0	
Cum Costs	s: Drilling	\$38,00	0	Con	pletion	\$0		Well 7	Total	\$38,000	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	ι:		PBTD : (0.0		Perf:			PKR Dej	oth: 0.0	
Activity at	Report Ti	me: BUILD LO	OCATION								
Start	End	Hrs Acti	ivity Desc	cription							
06:00	06:00	24.0 LINI	E TODAY.	WIND PERMIT	ITING.						
06-25-200	08 Re	ported By	Т	ERRY CSERE/J	ERRY BAI	RNES					
DailyCosts	s: Drilling	\$0		Con	npletion	\$0		Daily	Total	\$0	
Cum Costs	s: Drilling	\$38,00	0	Con	npletion	\$0		Well 7	Total	\$38,000	
MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	ı:		PBTD :	0.0		Perf:			PKR De	pth: 0.0	
Activity at	Report Ti	me: WO AIR I	RIG								
Start	End	Hrs Act	ivity Des	cription							
06:00	06:00	OF 1	14" COND	OMPLETE. RC UCTOR. CEME ND MIKE LEE	NT TO SU	RFACE WITH	READY M	IIX. JERRY B			
07-01-200	08 Re	eported By	JI	ERRY BARNES		,					
DailyCosts	s: Drilling	\$180,6	557	Con	npletion	\$0		Daily	Total	\$180,657	
•	s: Drilling	\$218,6	57		- npletion	\$0		Well '	Total	\$218,657	
MD	2,238	TVD	2,238	Progress	0	Days	0	MW	0.0	Visc	0.0
			PBTD :	0.0		Perf:			PKR De	pth: 0.0	
Formation	1;										
	ı : t Report Ti										

06:00 06:00

24.0 MIRU CRAIGS DRILLING RIG #3 ON 6/26/2008. DRILLED 12–1/4" HOLE TO 2238' GL.ENCOUNTERED WATER @ 1640. RAN 52 JTS (2234.80') OF 9–5/8", 36.0#, J–55, ST&C CASING WITH HALLIBURTON GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2247' KB. RDMO CRAIGS RIG.

MIRU HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 1500 PSIG. PUMPED 172 BBLS FRESH WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. MIXED & PUMPED 400 SX (84 BBLS) OF PREMIUM CEMENT W/ 2 % CACL2. MIXED CEMENT @ 15.6 PPG W/YIELD OF 1.18 CF/SX.

DISPLACED CEMENT W/ 169 BBLS FRESH WATER. BUMPED PLUG W/600# @ 6:34 PM, 6/29/2008. CHECKED FLOAT, FLOAT HELD. SHUT-IN CASING VALVE. NO RETURNS.

TOP JOB # 1: MIXED & PUMPED 100 SX (20.5 BBLS) OF PREMIUM CEMENT W/2 % CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 2 HRS 30 MINUTES.

TOP JOB # 2: MIXED & PUMPED 200 SX (41 BBLS) OF PREMIUM CEMENT W/ 2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 2 HRS 20 MIN.

TOP JOB # 3: MIXED & PUMPED 50 SX (10.2 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT TO 15.8 PPG W/ YIELD OF 1.15 CF/SX. HOLE FILLED & STOOD FULL. RDMO HALLIBURTON CEMENTERS.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

MIRU GLENNS WIRELINE SERVICE. RAN IN HOLE WITH STRAIGHT HOLE SURVEY. TAGGED CEMENT @ 2145' GL. PICKED UP TO 2125' AND TOOK SURVEY — 3.0 DEGREE.

CONDUCTOR LEVEL RECORD: PS= 89.8 OPS= 89.8 VDS= 89.9 MS= 89.9. 9 5/8 CASING LEVEL RECORD: PS= 89.9 OPS= 89.9 VDS= 90.0 MS= 90.0.

KYLAN COOK NOTIFIED JAMIE SPARGER W/BLM OF THE SURFACE CASING & CEMENT JOB ON 6/27/2008 @ 5.25 PM

			@ 5:25 PM.								
07-10-20	008 R	eported l	By R	. DYSART/ D. V	VINKLER						
DailyCos	ts: Drilling	\$	73,352	Con	npletion	\$0		Daily	Total	\$73,352	
Cum Cos	ts: Drilling	\$	292,009	Con	npletion	\$0		Well	Total	\$292,009	
MD	2,265	TVD	2,265	Progress	15	Days	0	$\mathbf{M}\mathbf{W}$	8.4	Visc	28.0
Formatio	n:		PBTD : 0	0.0		Perf:			PKR De _l	pth: 0.0	
Activity a	at Report Ti	me: DRI	LLING @ 2265'								
Start	End	Hrs	Activity Desc	ription							
06:00	14:00	8.0	HOLD PRE-JO	OB SAFETY M	TG. RIG M	OVE FROM C	CWU 952-3	2 TO CWU 1	107-34 (3 MI	LES) RIG UP.	
			FMC ON SITE	TO LOCK DO	WN BOP &	TEST SEAL	S.				
14:00	18:00	4.0	START DAYW	ORK ON 07/09	/08 @ 1400	HRS.					
			NIPPLE UP BO	OPE							
18:00	00:00	6.0	TEST BOPE A FOR RIG MOV	S PER PROGRA /E & BOP TEST		FIED BLM RE	P. CAROL	SCOTT VER	NAL OFFICE	ON 07/09/08	@ 1300 HRS
			BLM REP. CA	ROL SCOTT OF	N LOCATI	ON TO WITN	ESS TEST,	B&C QUICK	TEST, TESTI	ERS	
			INSIDE BOP, S	SAFETY VALVI	E, UPPER	KELLY COCK	C 250/5000 I	PSI 5/10 MIN			

		HCR, CHOKE LINE, KILL LINE, 250/5000 PSI 5/10 MIN.
		CHOKE MANIFOLD, 250/5000 PSI 5/10 MIN.
		PIPE RAMS, BLIND RAMS, 250/5000 PSI 5/10 MIN.
		ANNULAR, 250/2500 PSI 5/10 MIN.
		TEST 9 5/8" CASING TO 1500 PSI 30 MIN.
		PERFORM FULL ACCUMULATOR TEST.
00:00	03:30	3.5 INSTALL WEAR BUSHING.
		MAKE UP BIT #1, TRIP IN HOLE TO TOP OF CEMENT 2177'
03:30	04:30	1.0 DRILL CEMENT/FLOAT EQUIP. 2177' TO 2247'
		DRILL RAT HOLE TO 2265'
04:30	05:00	0.5 CIRCULATE HOLE CLEAN, SPOT HI-VIS PILL ON BOTTOM, PULL BIT INTO SHOE
05:00	06:00	1.0 CONDUCT FIT @ 2247' SHOE DEPTH, 400 PSI 11.8 EMW
		WIRELINE SURVEY @ SHOE,
,		NO ACCIDENT OR INCIDENTS REPORTED, SAFETY MTGS: RIG MOVE, BOP TEST
		CHECK COM, BOP DRILL 1 MIN. DAY CREW 1 MAN SHORT
		FUEL: 8409
		UNMANNED LOGGER DAY 1
		CITITAL TO COOLIN DITT.

07-11-2008	Re	ported By	RO	OBERT DYSAR	KT .						
DailyCosts:	Drilling	\$29,	031	Con	npletion	\$0		Daily	Total	\$29,031	
Cum Costs:	Drilling	\$321	1,041	Con	npletion	\$0		Well 7	Cotal	\$321,041	
MD	4,825	TVD	4,825	Progress	2,560	Days	1	MW	8.6	Visc	27.0
Formation	•		PBTD : 0	.0		Perf:			PKR Der	oth: 0.0	

Activity at Report Time: DRILLING @ 4825'

Start E	nd	Hrs	Activity Description
06:00	10:30	4.5	SPUD CWU 1107-34 @ 0600 ON 07/10/08
			DRILL ROTATE 2265' TO 2832' (567') ROP 126
			WOB 14/18K, RPM 50 + 70, GPM 430, PSI 1800/2200
10:30	11:00	0.5	SERVICE RIG
11:00	14:30	3.5	DRILL ROTATE 2832' TO 3270' (438') ROP 125
			WOB 14/16K, RPM 60 + 70, GPM 430, PSI 1600/1800
14:30	15:00	0.5	WIRELINE SURVEY @ 3201' (1.75 DEG.)
15:00	23:30	8.5	DRILL ROTATE 3270' TO 4235' (965') ROP 113
			WOB 14/16K, RPM 60 + 70, GPM 430, PSI 1600/1800
23:30	00:00	0.5	PARTIAL PACK OFF IN HOLE, WORK PIPE/JAR STRING FREE. S/W 97K, UP 150K, DOWN 50K
			M/W 9.3, VIS 33
00:00	06:00	6.0	DRILL ROTATE 4235' TO 4825' (590') ROP 98
			WOB 14/16K, RPM 60 + 70, GPM 430, PSI 1600/1800
			M/W 9.5, VIS 32
			NO ACCIDENTS OR INCIDENTS REPORTED, SAFETY MTGS: MIXING CHEMICALS, FORKLIFT OP'S
			FULL CREWS, CHECK COM FUEL: 7175, USED 1234
			UNMANNED LOGGER DAY 2
07-12-2008	T	Reported I	Rv ROBERT DYSART

Daily Costs: Drilling \$50,531 Completion \$1,598 Daily Total \$52,129

Cum Cost	s: Drilling	\$37	1,572	Cor	mpletion	\$1,598		Wel	l Total	\$373,170	
MD	6,320	TVD	6,320	Progress	1,495	Days	2	$\mathbf{M}\mathbf{W}$	9.8	Visc	32.0
Formation	1:		PBTD : 0	.0		Perf:			PKR De	pth: 0.0	
Activity at	t Report Ti	ne: DRILI	.ING @ 6320'								
Start	End	Hrs A	Activity Desc	ription							
06:00	06:00	24.0 I	ORILL ROTAT	E 4825' TO 632	20' (1495') I	ROP 62					
		V	VOB 16/18K, I	RPM 60 + 70, C	GPM 430, P	SI 1700/2100					
		N	M/W 10.2, VIS	32							
						DATES					
				rs or incide s: pp&e, hou							
				•),413, RECEIV	ED 4400				
				OGGER DAY		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
07-13-20	08 Re	ported By		DBERT DYSAI							
DailyCost	s: Drilling	-	9,766	Cor	mpletion	\$0		Dail	y Total	\$29,766	
Cum Cost	s: Drilling	\$40	01,339	Cor	mpletion	\$1,598		Wel	l Total	\$402,937	
MD	7,490	TVD	7,490	Progress	1,170	Days	3	MW	10.3	Visc	33.0
Formation	1:		PBTD : 0	.0		Perf:			PKR De	pth: 0.0	
Activity at	t Report Ti	mas DDII I									
	t rechord ru	ne. Dall	LING @ 7490'								
Start	End		LING @ 7490' Activity Desc	ription							
Start 06:00	-	Hrs A	Activity Desc	•	73' (453') R	OP 64. WOB 1	6/18K, R P	PM 60 + 70, 0	GPM 430, PSI	1800/2000.	
	End	Hrs 7.0 I	Activity Desc	E 6320' TO 677	73' (453') R	OP 64. WOB 1	6/18K, RP	°M 60 + 70, 0	GPM 430, PSI	1800/2000.	
06:00	End 13:00	7.0 I 0.5 S	Activity Desc DRILL ROTAT SERVICE RIG.	E 6320' TO 677		OP 64. WOB 1					
06:00 13:00	End 13:00 13:30	7.0 I 0.5 S 16.5 I	Activity Desc DRILL ROTAT SERVICE RIG.	E 6320' TO 677							
06:00 13:00	End 13:00 13:30	7.0 I 0.5 S 16.5 I	Activity Desc ORILL ROTAT SERVICE RIG. ORILL ROTAT M/W 10.5, VIS	E 6320' TO 677 E 6773' TO 749 32	90' (717') R	OP 43. WOB 1					
06:00 13:00	End 13:00 13:30	7.0 I 0.5 S 16.5 I	Activity Desc DRILL ROTAT SERVICE RIG. DRILL ROTAT M/W 10.5, VIS	E 6320' TO 677 E 6773' TO 749 32	90' (717') R ENTS REPO	OP 43. WOB 1	6/18K, RP				
06:00 13:00	End 13:00 13:30	7.0 I 0.5 S 16.5 I	Activity Desc DRILL ROTAT SERVICE RIG. DRILL ROTAT M/W 10.5, VIS NO ACCIDENT SAFETY MTG	E 6320' TO 677 E 6773' TO 749 32 FS OR INCIDE S: ELECTRICA	90' (717') R ENTS REPO AL GROUN	OP 43. WOB 1	6/18 K, R P				
06:00 13:00	End 13:00 13:30	7.0 I 0.5 S 16.5 I	Activity Desc ORILL ROTAT SERVICE RIG. ORILL ROTAT M/W 10.5, VIS NO ACCIDENT SAFETY MTG	E 6320' TO 677 E 6773' TO 749 32 FS OR INCIDE S: ELECTRICA	90' (717') R ENTS REPO AL GROUN 1, FUEL : 81	OP 43. WOB 1 ORTED ID, RIG SERVI	6/18 K, R P				
06:00 13:00 13:30	End 13:00 13:30 06:00	7.0 I 0.5 S 16.5 I	Activity Desc DRILL ROTAT SERVICE RIG. DRILL ROTAT M/W 10.5, VIS NO ACCIDENT SAFETY MTG FULL CREWS	E 6320' TO 677 E 6773' TO 749 32 TS OR INCIDE S: ELECTRICA , CHECK COM	90' (717') R ENTS REPO AL GROUN 1, FUEL : 81	OP 43. WOB 1 ORTED ID, RIG SERVI	6/18 K, R P				
06:00 13:00 13:30 13:30	End 13:00 13:30 06:00	7.0 I 0.5 S 16.5 I N S S H C Poorted B	Activity Desc DRILL ROTAT SERVICE RIG. DRILL ROTAT M/W 10.5, VIS NO ACCIDENT SAFETY MTG FULL CREWS	E 6320' TO 677 E 6773' TO 749 32 IS OR INCIDE S: ELECTRICA , CHECK COM LOGGER DAY DBERT DYSAI	90' (717') R ENTS REPO AL GROUN 1, FUEL : 81	OP 43. WOB 1 ORTED ID, RIG SERVI	6/18 K, R P	PM 60 + 70, 6			
06:00 13:00 13:30 07–14–20 Daily Cost	End 13:00 13:30 06:00	7.0 I 0.5 S 16.5 I N S Eported B	Activity Desc DRILL ROTAT SERVICE RIG. DRILL ROTAT M/W 10.5, VIS NO ACCIDENT SAFETY MTG FULL CREWS JUMANNED I	E 6320' TO 677 E 6773' TO 749 32 TS OR INCIDE S: ELECTRICA , CHECK COM LOGGER DAY DBERT DYSAI	90' (717') R ENTS REPO AL GROUN 1, FUEL : 83 ' 4 RT	OP 43. WOB 1 PRTED ID, RIG SERVI 885, USED 158	6/18 K, R P	PM 60 + 70, 4	GPM 430, PSI	1800/2150	
13:00 13:30 07-14-20 Daily Cost	End 13:00 13:30 06:00	7.0 I 0.5 S 16.5 I N S Eported B	Activity Desc DRILL ROTAT SERVICE RIG. DRILL ROTAT M/W 10.5, VIS NO ACCIDENT SAFETY MTG FULL CREWS JUNMANNED D	E 6320' TO 677 E 6773' TO 749 32 TS OR INCIDE S: ELECTRICA , CHECK COM LOGGER DAY DBERT DYSAI	90' (717') R ENTS REPO AL GROUN 1, FUEL : 81 ' 4 RT mpletion	OP 43. WOB 1 ORTED ID, RIG SERVI 885, USED 158	6/18 K, R P	PM 60 + 70, 4	GPM 430, PSI	\$51,596	36.0
06:00 13:00 13:30 07-14-20 Daily Cost	End 13:00 13:30 06:00 08 Res. Drilling 13:00 13:30	7.0 I 0.5 S 16.5 I M S 5 Eported B: \$44	Activity Desc DRILL ROTAT SERVICE RIG. DRILL ROTAT M/W 10.5, VIS NO ACCIDENT SAFETY MTG FULL CREWS JUMANNED I 5,236 46,576	E 6320' TO 677 E 6773' TO 749 32 TS OR INCIDE S: ELECTRICA CHECK COM LOGGER DAY DBERT DYSAI Con Progress	90' (717') R ENTS REPO AL GROUN 4, FUEL : 83 ' 4 RT mpletion mpletion	OP 43. WOB 1 ORTED ID, RIG SERVI 885, USED 158 \$6,360 \$7,958	6/18K, RP CE 2	PM 60 + 70, 0 Dail Wel	GPM 430, PSI ly Total l Total	\$51,596 \$454,534 Visc	36.0
06:00 13:00 13:30 07–14–20 Daily Cost Cum Cost MD Formation	End 13:00 13:30 06:00 08 Ress: Drilling 17,600 18:	7.0 I 0.5 S 16.5 I N S S F U C Ported By \$44	Activity Desc DRILL ROTAT SERVICE RIG. DRILL ROTAT M/W 10.5, VIS NO ACCIDENT SAFETY MTG FULL CREWS JNMANNED I 5,236 46,576 7,600	E 6320' TO 677 E 6773' TO 749 32 TS OR INCIDE S: ELECTRICA CHECK COM LOGGER DAY DBERT DYSAI Con Progress	90' (717') R ENTS REPO AL GROUN 4, FUEL : 83 ' 4 RT mpletion mpletion	OP 43. WOB 1 ORTED ID, RIG SERVI 885, USED 158 \$6,360 \$7,958 Days	6/18K, RP CE 2	PM 60 + 70, 0 Dail Wel	GPM 430, PSI ly Total ll Total 10.5	\$51,596 \$454,534 Visc	36.0
06:00 13:00 13:30 07–14–20 Daily Cost Cum Cost MD Formation Activity a	End 13:00 13:30 06:00 08 Ress: Drilling 17,600 18:	7.0 I 0.5 S 16.5 I N S	Activity Desc DRILL ROTAT SERVICE RIG. DRILL ROTAT M/W 10.5, VIS NO ACCIDENT SAFETY MTG FULL CREWS JNMANNED J 5,236 46,576 7,600 PBTD: 0	E 6320' TO 677 E 6773' TO 749 32 IS OR INCIDE S: ELECTRICA CHECK COM LOGGER DAY COM COM Progress .0	90' (717') R ENTS REPO AL GROUN 4, FUEL : 83 ' 4 RT mpletion mpletion	OP 43. WOB 1 ORTED ID, RIG SERVI 885, USED 158 \$6,360 \$7,958 Days	6/18K, RP CE 2	PM 60 + 70, 0 Dail Wel	GPM 430, PSI ly Total ll Total 10.5	\$51,596 \$454,534 Visc	36.0
06:00 13:00 13:30 07–14–20 Daily Cost Cum Cost MD Formation Activity a	End 13:00 13:30 06:00 08 Res: Drilling 7,600 n: t Report Ti	7.0 I 0.5 S 16.5 I M S S H U C C POTTED B S 445	Activity Desc DRILL ROTAT SERVICE RIG. DRILL ROTAT M/W 10.5, VIS NO ACCIDENT SAFETY MTG FULL CREWS JINMANNED J 5,236 46,576 7,600 PBTD: 0 LING @ 7600'	E 6320' TO 677 E 6773' TO 749 32 IS OR INCIDE S: ELECTRICA CHECK COM LOGGER DAY DBERT DYSAI Con Progress .0	90' (717') R ENTS REPO AL GROUN 4, FUEL : 89 ' 4 RT mpletion 110	OP 43. WOB 1 ORTED ID, RIG SERVI 885, USED 158 \$6,360 \$7,958 Days	6/18K, RP	Dail Wel	ly Total Il Total 10.5 PKR De	\$51,596 \$454,534 Visc epth: 0.0	36.0
06:00 13:00 13:30 07-14-20 Daily Cost Cum Cost MD Formation Activity a	End 13:00 13:30 06:00 08 Res: Drilling 7,600 n: t Report Tilling	7.0 I 0.5 S 16.5 I M S	Activity Desc DRILL ROTAT SERVICE RIG. DRILL ROTAT M/W 10.5, VIS NO ACCIDENT SAFETY MTG FULL CREWS JUMANNED I 5,236 46,576 7,600 PBTD: 0 LING @ 7600' Activity Desc DRILL ROTAT	E 6320' TO 677 E 6773' TO 749 32 IS OR INCIDE S: ELECTRICA CHECK COM LOGGER DAY DBERT DYSAI Con Progress 1.0 cription E 7490' TO 753	90' (717') R ENTS REPO AL GROUN 4, FUEL : 83 ' 4 RT mpletion 110 31' (41') RC	OP 43. WOB 1 ORTED ID, RIG SERVI 885, USED 158 \$6,360 \$7,958 Days Perf:	6/18K, RP CE 2 4	Dail Wel MW	ly Total Il Total 10.5 PKR De	\$51,596 \$454,534 Visc epth: 0.0	36.0
06:00 13:00 13:30 07-14-20 Daily Cost MD Formation Activity a Start 06:00	End	7.0 I 0.5 S 16.5 I N 1 S 1 S 1 S 1 S 1 S 1 S 1 S 1 S 1 S 1	Activity Desc DRILL ROTAT SERVICE RIG. DRILL ROTAT M/W 10.5, VIS NO ACCIDENT SAFETY MTG FULL CREWS JNMANNED I 5,236 46,576 7,600 PBTD: 0 LING @ 7600' Activity Desc DRILL ROTAT FLOW CHECK	E 6320' TO 677 E 6773' TO 749 32 IS OR INCIDE S: ELECTRICA CHECK COM LOGGER DAY OBERT DYSAI Con Progress .0 cription E 7490' TO 753	90' (717') R ENTS REPO AL GROUN 1, FUEL: 81 14 RT mpletion 110 31' (41') RC 12' (41') RC	OP 43. WOB 1 ORTED ID, RIG SERVI 885, USED 158 \$6,360 \$7,958 Days Perf:	6/18K, RP CE 2 4 6/18K, RPN FROM 75:	Dail Web MW	ly Total Il Total 10.5 PKR De	\$51,596 \$454,534 Visc epth : 0.0	36.0
06:00 13:00 13:30 13:30 07-14-20 Daily Cost MD Formation Activity a Start 06:00 07:00 16:30 19:30	End 13:00 13:30 06:00 08 Ress: Drilling 7,600 n: t Report Ti End 07:00 16:30 19:30 20:00	7.0 I 0.5 S 16.5 I M S	Activity Description of the control	E 6320' TO 677 E 6773' TO 749 32 IS OR INCIDE S: ELECTRICA CHECK COM LOGGER DAY DBERT DYSAL Con Progress 1.0 Cription E 7490' TO 752 C, DROP SURV RVEY, 2.25 DI S SHOE, WEIG	90' (717') R ENTS REPO AL GROUN 4, FUEL : 83 ' 4 RT mpletion 110 31' (41') RO 'EY, TRIP C EG. @ 7495	OP 43. WOB 1 ORTED ID, RIG SERVICA S85, USED 158 \$6,360 \$7,958 Days Perf:	6/18K, RP CE 2 4 6/18K, RPM FROM 75: BIT #2 TR	Dail Web MW	ly Total Il Total 10.5 PKR De	\$51,596 \$454,534 Visc epth : 0.0	36.0
06:00 13:00 13:30 13:30 07-14-20 Daily Cost MD Formation Activity a Start 06:00 07:00 16:30	End 13:00 13:30 06:00 08 Re s: Drilling 7,600 n: t Report Ti End 07:00 16:30 19:30	7.0 I 0.5 S 16.5 I N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Activity Description of the control	E 6320' TO 677 E 6773' TO 749 32 IS OR INCIDE S: ELECTRICA CHECK COM LOGGER DAY DBERT DYSAI Con Progress .0 ription E 7490' TO 75: C, DROP SURV	90' (717') R ENTS REPO AL GROUN 1, FUEL: 83 ' 4 RT mpletion 110 31' (41') RC 'EY, TRIP C EG. @ 7495 GHT UP SY TO 4200'.	STEM TO 10.8	6/18K, RP CE 2 4 6/18K, RPM FROM 75: BIT #2 TR	Dail Web MW	ly Total Il Total 10.5 PKR De	\$51,596 \$454,534 Visc epth : 0.0	36.0

22:00	22:30			4900' WORK PI						
22:30	23:30	1.0 FULL RE	TURNS @ 490	00' STAGE PUMP	S UP FROM 5	BPM TO 9	.3 BPM NO I	LOSSES, 10.8	8 PPG IN/OUT.	
23:30	00:30	1.0 WASH/RI	EAM 4900' TO	5630' (TIGHT H	OLE).					
00:30	01:00	0.5 CIRCULA	ATE HOLE WI	TH 10.7 PPG / W	ORK STRING	@ 5630'.				
01:00	04:00			BOTTOM 7531'						
04:00	06:00			O 7600' (69') RO						
				- 70, GPM 430, PS	SI 1750/2100					
		M/W 10.8	s, VIS 34							
		NO ACCI	DENTS, 1 INC	CIDENT REPORT	ED					
		SAFETY	MTGS: BOOM	1 OPERATION, S	AFETY BARI	RIERS				
		FULL CR	EWS, CHECK	COM						
		FUEL: 8	182, USED 703	3						
		UNMANI	NED LOGGER	DAY 5						
07-15-20	008 Re	eported By	ROBERT D	DYSART						
DailyCos	ts: Drilling	\$34,143		Completion	\$0		Daily	Total	\$34,143	
Cum Cos	ts: Drilling	\$480,720		Completion	\$7,958		Well	Total	\$488,678	
MD	8,225	TVD 8,3	225 Progr	ess 625	Days	5	MW	10.9	Visc	34.0
Formatio	n:	PBT	D : 0.0		Perf:			PKR Dej	pth: 0.0	
Activity a	at Report Ti	me: BIT TRIP @ 82	225'							
Start	End	Hrs Activity	Description							
06:00	14:00	8.0 DRILL R	OTATE 7600' 1	TO 7846' (246') R	OP 30. WOB	14/16K, RP	M 50 + 70, G	PM 430, PSI	1850/2100.	
14:00	14:30	0.5 SERVICE	RIG.							
14:30	03:30	13.0 DRILL R	OTATE 7846' 1	TO 8225' (379') R	OP 29. WOB	14/16K, RP	M 50 + 70, G	PM 430, PSI	1850/2100	
		INTERM	ITTENT FLAR	ES 15/20'. MW	11 PPG. WEIC	HT UP SYS	STEM TO 11	.2 PPG @ 800	00'.	
03:30	05:30	2.0 WEIGHT	UP SYSTEM	TO 11.4 PPG FOR	R BIT TRIP#3					
05:30	06:00	0.5 FLOW CI	HECK, DROP	SURVEY, PUMP	PILL. M/W I	1.4, VIS 36				
		NO ACCI	DENTS OR IN	ICIDENTS REPO	RTED					
		SAFETY	MTGS: MIXIN	NG CHEMICALS	HOUSEKEE	PING				
		FULL CR	EWS							
		CHECK (СОМ							
		FUEL: 68	884, USED 129	98						
		UNMAN	NED LOGGER	DAY 6						
07-16-20	008 Re	eported By	ROBERT I	DYSART						
DailyCos	ts: Drilling	\$50,105		Completion	\$0		Daily	Total	\$50,105	
Cum Cos	ts: Drilling	\$530,825		Completion	\$7,958		Well	Total	\$538,783	
MD	8,225	TVD 8,	225 Progr	ess 0	Days	6	MW	11.4	Visc	35.0
Formatio	n:	PBT	D : 0.0		Perf:			PKR De _l	pth: 0.0	
Activity a	at Report Ti	me: WASH & REA	M TO BOTTO	M						
Start	End	Hrs Activity	Description							
06:00	13:00	7.0 TRIP OU	T OF HOLE F	ROM 8225' FOR I	BIT #3. FLOV	CHECK H	IOLE @ BHA	Α.		
13:00	16:30	3.5 MAKE U	P BIT #3 TRIP	IN HOLE TO 49	00'.					

16:30	17:00	0.5 CIRCULATE & CONDITION MUD, @ 2000 STROKES SHARP PRESSURE INCREASE, (PLUGGED STRING).
17:00	22:30	5.5 TRIP OUT OF HOLE, STRING CLEAR, JETS CLEAR, (MOTOR FAILURE).
22:30	00:30	2.0 MAKE UP BIT #3, NEW MOTOR. TRIP IN HOLE TO SHOE 2250'.
00:30	01:00	0.5 SLIP & CUT DRILL LINE.
01:00	04:30	3.5 TRIP IN HOLE FROM SHOE TO 7000', CIRCULATE HOLE EVERY 1000' FOR 15 MIN.
04:30	05:00	0.5 CIRCULATE BOTTOMS UP @ 7000'.
05:00	05:30	0.5 TRIP IN HOLE FROM 7000' TO 7700'.
05:30	06:00	0.5 WASH/REAM FROM 7700' TO 7900'.
		M/W 11.4, VIS 35
		NO ACCIDENTS OR INCIDENTS REPORTED
		SAFETY MTGS: CHECK COM, PP&E
		FULL CREWS
		CHECK COM
		FUEL: 5963, USED 921
		UNMANNED LOGGER DAY 7

07-17-2008	Re	ported By	R	OBERT DYSAR	Т						
DailyCosts: Da	rilling	\$38,6	553	Con	pletion	\$729		Daily	Total	\$39,382	
Cum Costs: D	rilling	\$560	,646	Con	pletion	\$8,687		Well	Fotal	\$569,333	
MD	8,620	TVD	8,620	Progress	395	Days	7	MW	11.4	Visc	35.0
Formation:			PBTD:	0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: LDDP @ 8620' TD

Start	End	Hrs	Activity Description
06:00	07:00	1.0	WASH/REAM 7900' TO 8225'.
07:00	13:30	6.5	DRILL ROTATE 8225' TO 8481' (256') ROP 42. WOB 16/18K, RPM 40 + 60, GPM 375, PSI 1600/1800.
13:30	14:00	0.5	SERVICE RIG.
14:00	23:00	9.0	DRILL ROTATE 8481' TO 8620' T.D. (139') ROP 15. WOB 16/18K, RPM 40 + 60, GPM 375, PSI 1600/1800. REACHED TD AT 11:00 PM, 7/16/08.
23:00	23:30	0.5	FLOW CHECK WELL, WIPER TRIP/SHORT TRIP 8620' TO 8170'.
23:30	01:00	1.5	CIRCULATE HOLE CLEAN, SPOT 250 BBL 13 PPG PILL ON BOTTOM.
01:00	06:00	5.0	TRIP OUT OF HOLE FOR 4 1/2" PROD. CASING.
			M/W 11.4, VIS 35

NO ACCIDENTS OR INCIDENTS REPORTED, CROWN SAVER, TRIPS

SAFETY MEETINGS ON CROWN SAVER AND TRIPPING

FULL CREWS, CHECK COM,

FUEL: NO REPORT

UNMANNED LOGGER DAY 8

07-18-2008	Re	ported	l By	ROBERT D	YSART						
DailyCosts: 1	Orilling		\$46,702		Completion	\$131,001		Daily	Total	\$177,703	
Cum Costs:	Drilling		\$607,348		Completion	\$139,688		Well	Total	\$747,036	
MD	8,620	TVD	8,620	Progre	ess 0	Days	8	MW	11.4	Visc	36.0
Formation:			PBTD	: 0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: RDRT/WO COMPLETION

Start	End	Hrs	Activity Descr	ription							
06:00	07:00	1.0	TRIP OUT OF I	HOLE BHA, PUL	L WEAR	BUSHING.					
07:00	17:00	10.0	HOLD PRE-JO	B SAFETY MTG	. RIG UF	CASING CREV	V. MAKE	UP SHOE T	RACK, CHE	CK FLOAT EQU	J IP .
·			FLOAT SHOE I 5871', #45 JT'S OF SHOE JT. TO	OF 200 JT'S (198 ANDED @ 8595 CASING, MARI OP OF SHOE JT. K SHOE, 1ST JT,	', #1 JT (KER JT 3 THAN E	CASING, FLOAT 1902' – 3923', #9 VERY 3RD. JT.	T COLLA 00 JTS CS TO 6300	.R @ 8548' # G. CSG. INS	62 JT'S CAS STALL CENT	ING, MARKER RALIZER ON I	JT 5850' – MIDDLE
				IK. TAG BOTTO N SITE TO SUPE		0' MAKE UP FI	LUTED N	MANDRAL I	HANGER & L	ANDING JT. L	AND
17:00	22:30	5.5	INCORRECT C	ASING @ 5 BPM EMENT HEAD/S IN CIRCULATIO	WAGE (
22:30	02:30	4.0	WASH DROP B POZ G + ADDI' 50 POZ G + AD 133 BBL H2O V RETURNS. FIN	SERGER. HOLD OTTOM WIPER TIVES (YIELD 1. DITIVES (YIELL WITH 2 GAL/100 IAL PUMP PRES. LEAVE CEMEN	PLUG, F 98) AT 1 0 1.29) A 0 LO64 F SURE 23	PUMP 20 BBLS V 2.5 PPG WITH I T 14.1 PPG WIT FRESH WATER. 500 PSI AT 2.3 B	WATER S 10.94 GPS H 5.98 G AVG MIX PM. BUN	PACER. MI S H2O. MIXI PS H2O. DIS K AND DISF MPED PLUG	XED AND PU ED AND PUM SPLACED TO PLACEMENT TO 3300 PSI	IMPED 360 SKS IPED TAIL 143 FLOAT COLLA RATE 6.6 BPM	S 35:65 5 SKS 50: AR WITH I. FULL
02:30	03:30	1.0	LAY DOWN LA	ANDING JT, SET	PACK O	FF BUSHING, T	EST SEA	ALS TO 5000	PSI.		
03:30	05:00	1.5	NIPPLE DOWN	I BOP.							
05:00	06:00	1.0	PREP FOR RIG	MOVE TO CWU	964–32	•					
06:00	06:00	24.0	NO ACCIDENT SAFETY MTG: RIG RELEASE	OM CWU 1107 S OR INCIDENT S: RUNNING CA D @ 0500 HRS O T COST \$579,818	'S REPO SING, CI N 07/18/	RTED, FULL CI EMENT JOB		DIESEL FU	EL		
07-24-200	18 Re	ported l		EARLE							
Daily Costs		•	0	Comp	lation	\$43,464		Dail	y Total	\$43,464	
Cum Costs			607,348	Comp		\$183,152		,	Total	\$790,500	
MD	8,620	TVD	8,620	Progress	0	Days	9	MW	0.0	Visc	0.0
Formation	ı :		PBTD : 8:	548.0		Perf:			PKR De	pth: 0.0	
Activity at	Report Ti	me: PRE	P FOR FRACS								
Start	End	Hrs	Activity Desc	ription							
06:00	06:00	24.0	MIRU SCHLUM RD SCHLUMB	MBERGER. LOG ERGER.	WITH R	STY/CBL/CCL/	VDL/GR	FROM PBT	D TO 60'. ES	T CEMENT TO	P @ 760'.
08-09-200)8 R	eported l	Ву	CCURDY							
DailyCosts	s: Drilling	\$	60	Comp	oletion	\$1,724		Dail	y Total	\$1,724	
Cum Cost	s: Drilling	\$	6607,348	Comp	letion	\$184,876		Well	Total	\$792,224	
MD ·	8,620	TVD	8,620	Progress	0	Days	10	MW	0.0	Visc	0.0
Formation	ı:		PBTD : 8	548.0		Perf:			PKR De	pth: 0.0	
Activity at	Report Ti	me: WO	COMPLETION								

	End		y Description							
06:00	06:00	24.0 NU 10N	A FRAC TREE, PRES	SURE TEST	ED FRAC TRE	E & CAS	ING TO 6500	PSIG. WO C	OMPLETION.	
08-13-20	08 Re	ported By	CARLSON							
DailyCost	s: Drilling	\$0	Co	mpletion	\$8,582		Daily	y Total	\$8,582	
Cum Cost	ts: Drilling	\$607,348	Co	mpletion	\$193,458		Well	Total	\$800,806	
MD	8,620	TVD	8,620 Progress	0	Days	11	MW	0.0	Visc	0.0
Formation	n: MESA VI	ERDE PB	TD: 8548.0		Perf: 6850-	-8374		PKR De	pth: 0.0	
Activity a	t Report Ti	me: FRAC								
Start	End	Hrs Activit	y Description							
		WITH I WITH I PSIG. F RUWL. 8008'-(SCHLU	47', 8350'-51', 8373'- 165 GAL GYPTRON T 108700 # 20/40 SAND RD SCHLUMBERGER SET 6K CFP @ 8150 109', 8020'-21', 8063'- 1/10 MBERGER, FRAC D F116 ST+ WITH 1371	T-106, 4167 @ .5-5 PPC R. ' & PERFOR -64', 8069'- OWN CASI	GAL 16# LINE G. MTP 6184 PS RATE LPR FRO 70', 8085'–86', NG WITH, 165	EAR PAD, SIG. MTR M 7960'- 8098'-99 GAL GY	2098 GAL Y 52.5 BPM. A -61', 7970'-7 b', 8125'-26'0 PTRON T-10	F116 ST+ PA TP 4854 PSIC 1', 7982'-83' @ 3 SPF @ 12)6, 2062 GAL	D, 33563 GAL G. ATR 48 BPM G. 7990'-91', 79 20° PHASING. YF116 ST+ PA	YF116 ST+ . ISIP 2500 98'-99', RDWL. RI D 40957
		7851'-: SCHLU GAL YI BPM. I: RUWL. 7683'-: SCHLU GAL YI	SET 6K CFP @ 7936 52', 7870'-71', 7892'- IMBERGER, FRAC D F116 ST+ WITH 1060 SIP 2900 PSIG. RD SO SET 6K CFP AT 7775 84', 7687'-88', 7704'- IMBERGER, FRAC D F116 ST+ WITH 7380 SIP 3250 PSIG. RD SO	-94', 7905' – OWN CASI 000 # 20/40 \$ CHLUMBER 5' & PERFO -05', 7718' – OWN CASI 00 # 20/40 \$2	06', 7915'-16', NG WITH 165 0 SAND @ .5-5 F RGER RATE MPR FR 19', 7741'-42', NG WITH 165 0 AND @ .5-4 PF	7922' -23 GAL GYF PPG. MTP OM 7631' 7751' -52 GAL GYF	3' @ 3 SPF @ PTRON T-100 16024 PSIG. 1 1-32', 7643'- 2', 7759'-60' PTRON T-100	120° PHASII 6, 2072 GAL MTR 52 BPM 44', 7649'-50 @ 3 SPF @ 1 6, 2058 GAL	NG. RDWL.R' YF116 ST+ PA . ATP 4899 PSI O', 7669'-70', 7 20° PHASING YF116 ST+ PA	D, 33167 G. ATR 47 677'-78', RDWL. F D, 25225
		7473' RU SCI GAL Y	SET 6K CFP AT 7580 74', 7484'-85', 7499'- HLUMBERGER, FRA F116 ST+ WITH 1471 M. ISIP 2000 PSIG. R	-7500°, 7510 C DOWN C 100 # 20/40 S)'-11', 7521'-2 ASING WITH 1 SAND @ .5-5 F	2', 8542'- 165 GAL (-43', 7555'–5 GYPTRON T	6' @ 3 SPF @ -106, 2056 G	120° PHASI ALYF116 ST+	NG. RDWI PAD, 4310
		7253'-: RDWL PAD, 4:	. SET 6K CFP AT 7370 54' , 7264'–65' , 7273'- . RU SCHLUMBERGI 2830 GAL YF116 ST+ XTR 49.1 BPM. ISIP 2'	-74', 7284'- ER, FRAC D WITH 145	85', 7306'–07', OWN CASING 700 # 20/40 SA	, 7321'-22 6 WITH 16 ND @ .5-	2', 7341'–42', 55 GAL GYP	, 7351'–52'. @ TRON T–106	3 SPF @ 120 , 2060 GAL YF	PHASIN 116 ST+
			. SET 6K CFP AT 7170 37', 6956'–57', 7051'-				-			

\$334,130

Daily Total

\$334,130

Completion

DailyCosts: Drilling

\$0

Cum Cos	ts: Drilling	\$607,	348	Con	npletion	\$527,588		Well	Total	\$1,134,937	
MD	8,620	TVD	8,620	Progress	0	Days	12	MW	0.0	Visc	0.0
Formatio	n: MESAVE	RDE	PBTD : 8	3548.0		Perf: 6297-8	3374		PKR De	pth: 0.0	
Activity a	at Report Ti	me: PREP TO	MIRUSU								
Start	End	Hrs Ac	tivity Desc	cription							
06:00	06:00	665 PH YF	51'–52', 665 ASING. RE 116 ST+ PA	9'–60', 6682'–8 DWL. RU SCHL D, 46239 GAL '	83', 6689'– .UMBERG YF116ST+	90', 6695'–96', 6 ER, FRAC DOW	6729'-30 'N CASIN 20/40 SA	i', 6737'–38', NG WITH 16 ND @ .5–5 I	, 6763'–64', 6 5 GAL GYPT	6'-97', 6638'-39 1805'-06' @ 3 SI RON T-106, 200 84 PSIG. MTR 5	PF @ 120° 66 GAL
		638 SC GA	33'-84', 639 HLUMBER LL YF116ST	3'–94', 6413'– GER, FRAC DO	15', 6424'– DWN CASI)# 20/40 S <i>A</i>	25', 6431'–32', 0 NG WITH 165 C AND @ .5–5 PPC	6487'-88 GAL GYF	', 6516'–17' TRON T–10	@ 3 SPF @ 1 6, 2066 GAL	6326'-27', 6354 20° PHASING. YF116 ST+ PAD I. ATP 3645 PSIC	RDWL. RU 9, 40048
		RU		OK CBP AT 619	2'. RDWL.						
08-21-20	008 Re	eported By	Н	AL IVIE							
-	ts: Drilling	\$0		Con	npletion	\$32,323		Dail	y Total	\$32,323	
Cum Cos	ts: Drilling	\$607,	.348	Con	npletion	\$559,911		Well	Total	\$1,167,260	
MD	8,620	TVD	8,620	Progress	0	Days	13	MW	0.0	Visc	0.0
Formatio	n: MESAVE	RDE	PBTD : 8	3548.0		Perf: 6297-8	3374		PKR De	pth: 0.0	
Activity a	at Report Ti	me: CLEAN	OUT AFTE	R FRAC							
Start	End	Hrs Ac	tivity Desc	cription							
06:00	15:00		RU ROYAL UGS. SDFN		RAC TREE	. NU BOP. RIH	W/ BIT &	& PUMP OFF	SUB TO 619	02'. RU TO DRIL	L OUT
08-22-20)08 R	eported By	Н	AL IVIE							
DailyCos	ts: Drilling	\$0		Con	npletion	\$49,253		Dail	y Total	\$49,253	
Cum Cos	ts: Drilling	\$607,	348	Con	npletion	\$609,164		Well	Total	\$1,216,513	
MD	8,620	TVD	8,620	Progress	0	Days	14	MW	0.0	Visc	0.0
Formatio	n: MESAVE	RDE	PBTD : 8	3548.0		Perf: 6297-8	8374		PKR De	pth: 0.0	
Activity a	at Report Ti	me: FLOW T	EST								
Start	End	Hrs Ac	tivity Desc	cription							
06:00	06:00	815		EANED OUT 1						20', 7580', 7775' IU TREE. PUMF	
		FL	OWED 16 H	IRS. 24/64" CH	OKE. FTP	1550 PSIG. CP 2	000 PSIC	G. 54 BFPH. 1	RECOVERED	9 865 BLW. 8920	BLWTR.
				IRS. 24/64" CHO		1550 PSIG. CP 2	000 PSIC	G. 54 BFPH. I	RECOVERED	9865 BLW. 8920	BLWTR.
		TU		AIL LENGTH		1550 PSIG. CP 2	000 PSIC	5. 54 BFPH. I	RECOVERED	9865 BLW. 8920	BLWTR.
		TU PU	BING DETA	AIL LENGTH	I	1550 PSIG. CP 2	000 PSIC	G. 54 BFPH. I	RECOVERED	9 865 BLW. 8920	BLWTR.
		TU PU I J	BING DETA	AIL LENGTH UB 1.00' # L-80 TBG 3	I	1550 PSIG. CP 2	000 PSIC	G. 54 BFPH. 1	RECOVERED	9 865 BLW. 8920	BLWTR.

219 JTS 2-3/8 4.7# L-80 TBG 7144.80'

BELOW KB 13.00' LANDED @ 7192.70' KB

00 33 300				7192.70' KB							
08-23-2008	8 Re	eported By	Н	AL IVIE							
DailyCosts:	Drilling	\$0		Co	mpletion	\$2,565		Daily	Total	\$2,565	
Cum Costs:	: Drilling	\$607,	,348	Co	mpletion	\$611,729		Well	Total	\$1,219,078	
MD	8,620	TVD	8,620	Progress	0	Days	15	MW	0.0	Visc	0.0
Formation :	: MESAVE	RDE	PBTD:	3548.0		Perf: 6297-	8374		PKR De _l	pth: 0.0	
Activity at l	Report Ti	me: FLOW T	EST								
Start 1	End	Hrs Ac	tivity Desc	cription							
06:00	06:00		OWED 24 H WTR.	IRS. 24/64 CH	OKE, FTP-	1450 PSIG, CP	– 2300 P	SIG. 51 BFP	H. RECOVE	RED 1232 BBL	S, 7688
08-24-2008	8 Re	eported By	Н	AL IVIE							
DailyCosts:	: Drilling	\$0		Co	mpletion	\$2,565		Daily	Total	\$2,565	
Cum Costs:	: Drilling	\$607,	,348	Co	mpletion	\$614,294		Well	Total	\$1,221,643	
MD	8,620	TVD	8,620	Progress	0	Days	16	MW	0.0	Visc	0.0
Formation	: MESAVE	RDE	PBTD:	3548.0		Perf: 6297-	8374		PKR Dej	pth: 0.0	
Activity at 1	Report Ti	me: FLOW T	EST								
Start :	End	Hrs Ac	tivity Desc	cription							
06:00	06:00		OWED 24 H WTR.	IRS. 24/64 CH	OKE. FTP-	1300 PSIG, CP	– 2150 P	SIG. 41 BFP	H. RECOVE	RED 972 BBLS	, 6716
08-25-2008	8 Re	eported By	Н	AL IVIE	·· ·						
DailyCosts:	: Drilling	\$0		Co	mpletion	\$2,565		Daily	Total	\$2,565	
~ ~			240	Co	mpletion	\$616,859		Well	Total	\$1,224,208	
Cum Costs:	: Drilling	\$607.	,348	Co	mpieuon	4010,000					
	2. Drilling 8,620	\$607, TVD	8,620	Progress	0	Days	17	MW	0.0	Visc	0.0
MD	8,620	TVD		Progress	-					Visc	0.0
MD Formation	8,620 : MESAVE	TVD	8,620 PBTD : 8	Progress	-	Days			0.0	Visc	0.0
MD Formation Activity at l	8,620 : MESAVE	TVD RDE me: FLOW T	8,620 PBTD : 8	Progress 3548.0	-	Days			0.0	Visc	0.0
MD Formation Activity at l	8,620 : MESAVE Report Ti	TVD RDE me: FLOW T Hrs Ac 24.0 FL	8,620 PBTD: 8 TEST ctivity Description	Progress 3548.0 eription	0	Days Perf : 6297–	8374	MW	0.0 PKR Dep	Visc	
MD Formation Activity at 1 Start 06:00	8,620 : MESAVE Report Tin End 06:00	TVD RDE me: FLOW T Hrs Ac 24.0 FL	8,620 PBTD: 8 TEST ctivity Desc OWED 24 F	Progress 3548.0 eription	0	Days Perf : 6297–	8374	MW	0.0 PKR Dep	Visc pth: 0.0	
MD Formation Activity at 1 Start 06:00 08-26-2008	8,620 : MESAVE Report Tin End 06:00	TVD RDE me: FLOW T Hrs Ac 24.0 FL BL	8,620 PBTD: 8 TEST ctivity Desc OWED 24 F	Progress 8548.0 eription IRS. 24/64 CHO AL IVIE	0	Days Perf : 6297–	8374	MW	0.0 PKR Dep	Visc pth: 0.0	
MD Formation Activity at 1 Start 06:00 08-26-2008 Daily Costs:	8,620 : MESAVE Report Tin End 06:00 8 Re : Drilling	TVD RDE me: FLOW T Hrs Ac 24.0 FL BL	8,620 PBTD: 8 TEST ctivity Desc OWED 24 F WTR.	Progress 8548.0 eription HRS. 24/64 CHO AL IVIE Co	0 OKE. FTP-	Days Perf: 6297-	8374	MW SIG. 35 BFPI Daily	0.0 PKR Dep	Visc pth: 0.0 RED 841 BBLS,	
MD Formation Activity at 1 Start 06:00 08-26-2008 DailyCosts: Cum Costs:	8,620 : MESAVE Report Tin End 06:00 8 Re : Drilling	TVD RDE me: FLOW T Hrs Ac 24.0 FL BL eported By \$0	8,620 PBTD: 8 TEST ctivity Desc OWED 24 F WTR.	Progress 8548.0 eription HRS. 24/64 CHO AL IVIE Co	0 OKE. FTP- mpletion	Days Perf: 6297– 1100 PSIG, CP \$2,565	8374	MW SIG. 35 BFPI Daily	0.0 PKR Dep	Visc pth: 0.0 RED 841 BBLS, \$2,565	
MD Formation Activity at 1 Start 06:00 08-26-2000 Daily Costs: Cum Costs:	8,620 : MESAVE Report Tin End 06:00 8 Re : Drilling : Drilling 8,620	TVD RDE me: FLOW T Hrs Ac 24.0 FL BL eported By \$0 \$607.	8,620 PBTD: 8 TEST ctivity Desc OWED 24 H WTR. H	Progress 3548.0 Cription HRS. 24/64 CHO AL IVIE Co Co Progress	0 OKE. FTP– mpletion mpletion	Days Perf: 6297– 1100 PSIG, CP \$2,565 \$619,424	8374 1950 PS	MW SIG. 35 BFPI Daily Well	0.0 PKR Dep H. RECOVEI Total Total	Visc pth: 0.0 RED 841 BBLS, \$2,565 \$1,226,773 Visc	5875
MD Formation Activity at 1 Start 06:00 08-26-2008 DailyCosts: Cum Costs: MD Formation	8,620 : MESAVE Report Ti End 06:00 8 Re : Drilling 8,620 : MESAVE	TVD RDE me: FLOW T Hrs Ac 24.0 FL BL eported By \$0 \$607.	8,620 PBTD: 8 TEST ctivity Desc OWED 24 F WTR. H 348 8,620 PBTD: 8	Progress 3548.0 Cription HRS. 24/64 CHO AL IVIE Co Co Progress	0 OKE. FTP– mpletion mpletion	Days Perf: 6297– 1100 PSIG, CP \$2,565 \$619,424 Days	8374 1950 PS	MW SIG. 35 BFPI Daily Well	0.0 PKR Dep H. RECOVEI Total 0.0	Visc pth: 0.0 RED 841 BBLS, \$2,565 \$1,226,773 Visc	5875
MD Formation Activity at 1 Start 06:00 08-26-2008 Daily Costs: Cum Costs: MD Formation Activity at	8,620 : MESAVE Report Ti End 06:00 8 Re : Drilling 8,620 : MESAVE	TVD RDE me: FLOW T Hrs Ac 24.0 FL BL eported By \$0 \$607. TVD RDE me: FLOW T	8,620 PBTD: 8 TEST ctivity Desc OWED 24 F WTR. H 348 8,620 PBTD: 8	Progress 3548.0 cription HRS. 24/64 CHG AL IVIE Co Co Progress 3548.0	0 OKE. FTP– mpletion mpletion	Days Perf: 6297– 1100 PSIG, CP \$2,565 \$619,424 Days	8374 1950 PS	MW SIG. 35 BFPI Daily Well	0.0 PKR Dep H. RECOVEI Total 0.0	Visc pth: 0.0 RED 841 BBLS, \$2,565 \$1,226,773 Visc	5875
MD Formation Activity at 1 Start 06:00 08-26-2008 Daily Costs: Cum Costs: MD Formation Activity at 1	8,620 : MESAVE Report Tin End 06:00 8 Re : Drilling 8,620 : MESAVE Report Tin	TVD RDE me: FLOW T Hrs Ac 24.0 FL BL eported By \$0 \$607. TVD RDE me: FLOW T Hrs Ac	8,620 PBTD: 8 TEST ctivity Desc OWED 24 F. WTR. H 348 8,620 PBTD: 8 TEST	Progress 3548.0 Pription IRS. 24/64 CHO CO CO Progress 3548.0 Pription	OKE. FTP- mpletion mpletion	Days Perf: 6297- 1100 PSIG, CP \$2,565 \$619,424 Days Perf: 6297-	8374 2- 1950 PS 18 8374	MW SIG. 35 BFPI Daily Well MW	O.O PKR Dep H. RECOVEI Total Total O.O PKR Dep	Visc pth: 0.0 RED 841 BBLS, \$2,565 \$1,226,773 Visc	0.0
MD Formation Activity at 1 Start 06:00 08-26-2008 Daily Costs: Cum Costs: MD Formation Activity at 1 Start 06:00	8,620 : MESAVE Report Tit End 06:00 8 Ro : Drilling 8,620 : MESAVE Report Tit End 06:00	TVD RDE me: FLOW T Hrs Ac 24.0 FL BL eported By \$0 \$607. TVD RDE me: FLOW T Hrs Ac	8,620 PBTD: 8 TEST ctivity Desc OWED 24 H 348 8,620 PBTD: 8 TEST ctivity Desc OWED 24 H	Progress 3548.0 Pription IRS. 24/64 CHO CO CO Progress 3548.0 Pription	OKE. FTP- mpletion mpletion	Days Perf: 6297- 1100 PSIG, CP \$2,565 \$619,424 Days Perf: 6297-	8374 2- 1950 PS 18 8374	MW SIG. 35 BFPI Daily Well MW	O.O PKR Dep H. RECOVEI Total Total O.O PKR Dep	Visc pth: 0.0 RED 841 BBLS, \$2,565 \$1,226,773 Visc pth: 0.0	0.0
MD Formation Activity at 1 Start 06:00 08-26-2008 DailyCosts: Cum Costs: MD Formation Activity at 1 Start 06:00 08-27-2008	8,620 : MESAVE Report Ti End 06:00 8 Re : Drilling 8,620 : MESAVE Report Ti End 06:00 8 Re	TVD RDE me: FLOW T Hrs Ac 24.0 FL Eported By \$0 \$607. TVD RDE me: FLOW T Hrs Ac 24.0 FL	8,620 PBTD: 8 TEST ctivity Desc OWED 24 H 348 8,620 PBTD: 8 TEST ctivity Desc OWED 24 H	Progress 3548.0 Pription IRS. 24/64 CHO AL IVIE Co Progress 3548.0 Pription IRS. 24/64" CH	0 OKE. FTP- mpletion 0 HOKE. FTP	Days Perf: 6297- 1100 PSIG, CP \$2,565 \$619,424 Days Perf: 6297-	8374 2- 1950 PS 18 8374	MW SIG. 35 BFPI Daily Well MW	O.O PKR Dep H. RECOVEI Total Total O.O PKR Dep	Visc pth: 0.0 RED 841 BBLS, \$2,565 \$1,226,773 Visc pth: 0.0	0.0
Start 06:00 08-26-2000 Daily Costs: Cum Costs: MD Formation Activity at 1	8,620 : MESAVE Report Tit End 06:00 8 Ro : Drilling 8,620 : MESAVE Report Tit End 06:00 8 Ro : Drilling	TVD RDE me: FLOW T Hrs Ac 24.0 FL BL eported By \$0 \$607. TVD RDE me: FLOW T Hrs Ac 24.0 FL eported By	8,620 PBTD: 8 TEST ctivity Desc OWED 24 H 348 8,620 PBTD: 8 TEST ctivity Desc OWED 24 H H	Progress 3548.0 cription IRS. 24/64 CHG AL IVIE Co Progress 3548.0 cription IRS. 24/64" CHG AL IVIE Co	OKE. FTP- mpletion mpletion	Days Perf: 6297– 1100 PSIG, CP \$2,565 \$619,424 Days Perf: 6297–	8374 2- 1950 PS 18 8374	MW SIG. 35 BFPI Daily Well MW G. 30 BFPH. F	0.0 PKR Dep H. RECOVEI Total 0.0 PKR Dep	Visc pth: 0.0 RED 841 BBLS, \$2,565 \$1,226,773 Visc pth: 0.0	0.0

Field: CHAPITA DEEP Property: 057808

Formation: MESAVERDE

PBTD: 8548.0

Perf: 6297-8374

PKR Depth: 0.0

Activity at Report Time: FLOW TEST

Start End

Activity Description Hrs

06:00 06:00

24.0 FLOWED 24 HRS. 24/64" CHOKE. FTP 900 PSIG.CP 1700 PSIG. 26 BFPH. RECOVERED 640 BLW. 4511 BLWTR.

08-28-2008 Reported By

8.620

\$0

DailyCosts: Drilling

\$607,348

Completion

0

\$2,565 \$624,554 **Daily Total** Well Total

\$2,565

\$1,231,903

Cum Costs: Drilling

Completion

Days

MW 20

0.0

MD TVD

8,620 **Progress**

HAL IVIE

Perf: 6297-8374

Visc

0.0

Formation: MESAVERDE

PBTD: 8548.0

PKR Depth: 0.0

Activity at Report Time: FLOW TEST

Start End

Hrs **Activity Description**

06:00 06:00 24.0 FLOWED 15 HRS. 24/64" CHOKE. FTP 850 PSIG, CP 1650 PSIG. 23 BFPH. RECOVERED 350 BBLS, 4161 BLWTR.

SHUT IN F/9 HRS. WELDERS WELDING ON PROD FACILITIES.

08-29-2008 DailyCosts: Drilling

Reported By

HAL IVIE

Completion

\$2,565

Daily Total Well Total

\$2,565

Cum Costs: Drilling

MD

\$607,348 TVD

\$0

Completion **Progress**

\$627,119 0 Days

MW 21

0.0 Visc

\$1,234,468 0.0

Formation: MESAVERDE

PBTD: 8548.0

8,620

Perf: 6297-8374

PKR Depth: 0.0

Activity at Report Time: WO FACILITIES

8,620

Start **End** Hrs **Activity Description**

06:00 06:00 24.0 FLOWED 17 HRS. 24/64" CHOKE, FTP 850 PSIG. CP 1600 PSIG. 22 BFPH. RECOVERED 374 BLW. 3787 BLWTR.

SD 7 HRS FOR FACILITY WORK. SI @ 6:00 AM. WO FACILITIES.

FINAL COMPLETION DATE: 08/28/08

09-04-2008 Reported By DUANE COOK

DailyCosts: Drilling

Completion

\$0

Daily Total

\$0

Cum Costs: Drilling

\$607,348

Completion 0

\$627,119

Well Total

MW

\$1,234,468 Visc

MD

8,620 TVD 8,620 **Progress** Days

22 Perf: 6297-8374

0.0

PKR Depth: 0.0

0.0

Formation: MESAVERDE

Activity at Report Time: INITIAL PRODUCTION

PBTD: 8548.0

Start 06:00 End 06:00 Hrs **Activity Description**

24.0 INITIAL PRODUCTION- OPENING PRESSURE: TP 1600 PSIG & CP 2300 PSIG. TURNED WELL OVER TO

QUESTAR SALES AT 10:00 HRS, 9/03/08. FLOWED 687 MCFD RATE ON 10/64" CHOKE. STATIC 311. QGM METER #7848.

Form 3160-4

UNITED STATES

FORM APPROVED

(August 2007)			DEPAR BUREA			THE INT										1004-0137 ly 31, 2010
	WELL (COMPL	ETION (OR RE	COM	PLETI	ON R	EPOR	T AND	LOG				ease Serial TU37943		
la. Type of	f Well	Oil Well	☑ Gas	Well	☐ Dr	y 0	Other						6. If	Indian, A	llottee	or Tribe Name
b. Type of	f Completion	☑ N Othe	lew Well er	☐ Wor	k Over	D D	eepen	□ Pl	ug Back	☐ Di	ff. Re	esvr.	7. Ui	nit or CA .	Agreen	nent Name and No. S UNI
2. Name of				· N.A: It us		ontact: N							8. Le	ase Name	and W	ell No.
	ESOURCES 600 17TH				nary_rr	naestas@			.com No. (includ	le area c	ode)			PI Well N		S UNIT 1107-34
4 Location	DENVER, of Well (Rep			nd in acc	ordance	with Fe			24-5526				10 F	ield and F	Pool or	43-047-39916 Exploratory
At surfa		='	. 2107FEL					-	,							Exploratory ES/MESAVERDE
	orod interval i								, 109.311	12 W L	on		11. S	Sec., T., R. Area Se	., M., o ec 34	r Block and Survey T9S R23E Mer SLB
At total	depth NW	NE 578F	NL 2107FE	L 39.99	813 N	Lat, 109	.31112	W Lon						County or INTAH	Parish	13. State UT
14. Date S _I 06/24/2	oudded		15. D	ate T.D. 7/16/200	Reache			16. Da	te Comple & A 🛛 03/2008	ted Ready	to Pr	od.	17. E		(DF, K 305 GL	B, RT, GL)*
18. Total D	-	MD TVD	8620			ug Back		MD TVD		548		20. Dej		ige Plug S	Set:	MD TVD
21. Type E RST/CI	lectric & Oth BL/CCL/VDI	er Mechar -/GR	nical Logs R EMP	un (Subi	nit cop	y of each))			V	Vas D	ell core ST run? ional Su	'	☑ No ☑ No ☑ No	☐ Ye	es (Submit analysis) es (Submit analysis) es (Submit analysis)
23. Casing at	nd Liner Reco	ord (Repo	rt all strings				1.									T
Hole Size	Size/G	rade	Wt. (#/ft.)	Top (ME		Bottom (MD)	_	Cement Depth		of Sks. o of Cem		Slurry (BE		Cement	Тор*	Amount Pulled
12.250	1	25 J-55	36.0	 	0	224	1				750			•••		<u> </u>
7.875	4.5	00 N-80	11.6		0	859	5			1	795		-			
					\dashv	_	†								_	
24. Tubing	Pacord			<u>.</u>]		<u> </u>							<u></u>
	Depth Set (M	(D) P:	acker Depth	(MD)	Size	Den	th Set (MD)	Packer De	epth (M	D) T	Size	De	pth Set (M	AD)	Packer Depth (MD)
2.375		7193	•				`							· · · ·		
25. Produci								ation Re	**	62°	扫.					
	ormation	יחסר	Тор	6207	Botto]	Perforate	d Interval	FO 027	+	Size	N	lo. Holes	_	Perf. Status
A) B)	MESAVE	RDE		6297		8374				<u>ΓΟ 837</u> ΓΟ 812	$\overline{}$		+		3	
C)										TO 792	_		十		3	
D)									7631 7	ΓΟ 776	0			;	3	
	racture, Treat		nent Squeez	e, Etc.		·										
	Depth Interva		374 39,993	CALS CE	LLED	MATED &	108 70		Amount an	d Type	of Ma	aterial				
		_	126 43,184													
			23 35,404											-		
	76	31 TO 77	760 27,448	GALS GE	LLED	WATER &	73,800	# 20/40 \$	AND							
	ion - Interval	-			-											
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Ga:		Water BBL		Gravity r. API		ias iravity		Producti	on Method		
09/03/2008	09/10/2008	24		23.0		442.0	168.		07		. 11 ~			FLO	WS FR	OM WELL
Choke Size	Tbg. Press. Flwg. 1325	Csg. Press.	24 Hr. Rate	Oil BBL	Ga: MC		Water BBL	Gas Rat	:Oil o	l ^v	Vell Sta					
12/64"	SI Internal	2000.0		23		442	168	3			P	3W				
28a. Produc Date First	tion - Interva	I B Hours	Test	Oil	Ga	, 1	Water	loa	Gravity	Ic	as		Producti	on Method		
Produced	Date	Tested	Production	BBL	MO		BBL		r. API		iravity		, roducti			

24 Hr. Rate

Choke Size

Tbg. Press. Flwg.

Gas MCF

Oil BBL

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #63406 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

Gas:Oil Ratio

Well Status

Water BBL

	uction - Interv	val C									
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas		Production Method	
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Stat	tus	•	
28c. Produ	uction - Interv	al D	_!	1	1	1	<u> </u>				· · · · · ·
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity		Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Stat	tus	<u> </u>	
29. Dispos	sition of Gas(Sold, used	for fuel, vent	ed, etc.)			•				7
30. Summ Show tests, i	ary of Porous	zones of p	orosity and c	ontents there	eof: Cored in tool open,	ntervals and a	all drill-stem shut-in pressures		31. For	rmation (Log) Markers	
	Formation		Тор	Bottom		Description	ns, Contents, etc.			Name	Top Meas. Depth
Pleas	ional remarks	(include p	6297 lugging proceet for detai	8374 edure): led perfora	tion and ac	Iditional for	mation marker		MA UT WA CH BU PR	REEN RIVER AHOGANY ELAND BUTTE ASATCH IAPITA WELLS ICK CANYON ICE RIVER DDLE PRICE RIVER	1490 2107 4207 4312 4877 5547 6281 7107
1. Ele 5. Sur 34. I heret		or plugging	y and cement oing and attac Elect	verification hed informa ronic Subm Fo	tion is comp	06 Verified	rect as determined by the BLM We INC., sent to the	7 On I from all av Il Informati e Vernal	vailable	e records (see attached instruct stem.	onal Survey
Name	(please print)	<u>mary a</u> 1 a	MAESTAS		1		Title RE	GULATOF	KY AS	SISTANT	

Chapita Wells Unit 1107-34 - ADDITIONAL REMARKS (CONTINUED):

26. PERFORATION RECORD

7404-7556	3/spf
7214-7352	3/spf
6850-7145	3/spf
6588-6806	3/spf
6297-6517	3/spf

27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

7404-7556	45,323 GALS GELLED WATER & 147,100# 20/40 SAND
7214-7352	45,055 GALS GELLED WATER & 145,700# 20/40 SAND
6850-7145	35,589 GALS GELLED WATER & 107,600# 20/40 SAND
6588-6806	48,470 GALS GELLED WATER & 159,400# 20/40 SAND
6297-6517	42,279 GALS GELLED WATER & 135,200# 20/40 SAND

Perforated the Lower Price River from 8182-83', 8190-91', 8196-97', 8218-19', 8244-45', 8265-66', 8310-11', 8325-27', 8346-47', 8350-51', 8373-74' w/ 3 spf.

Perforated the Lower Price River from 7960-61', 7970-71', 7982-83', 7990-91', 7998-99', 8008-09', 8020-21', 8063-64', 8069-70', 8085-86', 8098-99', 8125-26' w/ 3 spf.

Perforated the Middle Price River from 7792-93', 7805-06', 7823-24', 7833-34', 7846-47', 7851-52', 7870-71', 7892-94', 7905-06', 7915-16', 7922-23 w/ 3 spf.

Perforated the Middle Price River from 7631-32', 7643-44', 7649-50', 7669-70', 7677-78', 7683-84', 7687-88', 7704-05', 7718-19', 7741-42', 7751-52', 7759-60' w/ 3 spf.

Perforated the Middle Price River from 7404-05', 7423-24', 7434-35', 7447-48', 7462-63', 7473-74', 7484-85', 7499-7500', 7510-11', 7521-22', 7542-43', 7555-56' w/ 3 spf.

Perforated the Middle Price River from 7214-15', 7224-25', 7234-35', 7253-54', 7264-65', 7273-74', 7284-85', 7306-07', 7321-22', 7341-42', 7351-52' w/ 3 spf.

Perforated the Upper Price River from 6850-51', 6899-6900', 6912-13', 6936-37', 6956-57', 7051-52', 7062-63', 7134-35', 7138-40', 7144-45' w/ 3 spf.

Perforated the Upper Price River from 6588-89', 6596-97', 6638-39', 6651-52', 6659-60', 6682-83', 6689-90', 6695-96', 6729-30', 6737-38', 6763-64', 6805-06' w/ 3 spf.

Perforated the Upper Price River from 6297-98', 6307-08', 6312-13', 6326-27', 6354-55', 6383-84', 6393-94', 6413-15', 6424-25', 6431-32', 6487-88', 6516-17' w/ 3 spf.

32. FORMATION (LOG) MARKERS

Lower Price River	7915
Sego	8438

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

		11 1107 24			
Well name and		0 1 107-34	C Marketon		
API number: _^					
Well Location:	QQ <u>NWNE</u> Se	ction <u>34</u> T	ownship 9S Range 23E	_ County U	INTAH
Well operator:	EOG				
Address:	1060 E HWY	40			
	city VERNAL		state UT zip 84078	Phone: (435) 781-9111
Drilling contract	ctor: CRAIGS I	ROUSTABOU	T SERVICE		
Address:	PO BOX 41				
	city JENSEN		state UT zip 84035	Phone: _	(435) 781-1366
Water encount	tered (attach ac	dditional pages	s as needed):		
Γ	DEF		VOLUME		QUALITY
ŀ	FROM	ТО	(FLOW RATE OR HEAD)		(FRESH OR SALTY)
	1,640	1,680	NO FLOW		NOT KNOWN
].					
-					
L			<u> </u>		
Formation tons	1		2		_ 3
Formation tops (Top to Bottom)			2 5		
	7				
	10				
	, ,	-			
If an analysis h	nas been made	of the water e	encountered, please attach a	copy of the re	eport to this form.
	•	·	e to the best of my knowledge.		
NAME (PLEASE PRIN	Mary A. Mae	estas	TITLE	Regulatory	Assistant
SIGNATURE	Mary 1	l Ma	LA DATE	9/26/2008	
(5/2000)	\bigcup .	·	()		

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

5. Lease Serial No. UTU37943

Do not use th abandoned we	6. If Indian, Allottee or Tribe Name					
SUBMIT IN TRI	7. If Unit or CA/Agree CHAPITA WELL	ment, Name and/or No.				
1. Type of Well ☐ Oil Well ☑ Gas Well ☐ Oth	her		8. Well Name and No. CHAPITA WELLS UNIT 1107-34			
Name of Operator EOG RESOURCES, INC.	Contact: MARY A. E-Mail: mary_maestas@eogre			9. API Well No. 43-047-39916		
3a. Address 600 17TH STREET SUITE 10 DENVER, CO 80202		No. (include area code) -824-5526		10. Field and Pool, or I NATURAL BUT	Exploratory ES	
4. Location of Well (Footage, Sec., T	C., R., M., or Survey Description)			11. County or Parish, a	nd State	
Sec 34 T9S R23E NWNE 578 39.99813 N Lat, 109.31112 W				UINTAH COUNT	Y, UT	
12. CHECK APP	ROPRIATE BOX(ES) TO INDICA	TE NATURE OF N	OTICE, RI	EPORT, OR OTHER	DATA	
TYPE OF SUBMISSION		TYPE OF	ACTION			
☐ Notice of Intent	☐ Acidize ☐ I	Deepen	☐ Producti	on (Start/Resume)	■ Water Shut-Off	
	☐ Alter Casing ☐ F	Fracture Treat	Reclama	ation	■ Well Integrity	
Subsequent Report	☐ Casing Repair ☐ N	New Construction	☐ Recomp	lete	☐ Other	
☐ Final Abandonment Notice	☐ Change Plans ☐ F	lug and Abandon	☐ Tempor	arily Abandon		
	☐ Convert to Injection ☐ P	lug Back	☐ Water D	isposal		
testing has been completed. Final Al determined that the site is ready for f All material, debris, trash, and reclaimed. Stockpiled topsoil prescribed seed mixture. The completed on 12/1/2008.	Junk was removed from the location was spread over the pit area and breseded area was then walked dow	all requirements, including the reserve pit woodcast seeded with	ng reclamation as 1 the	, have been completed, a	-4 shall be filed once and the operator has	
14. I hereby certify that the foregoing is	Electronic Submission #66852 veri For EOG RESOURCE			System		
Name (Printed/Typed) MARY A.	MAESTAS	Title REGULA	TORY ASS	SISTANT		
Signature Man Electronic	Submissioner Ja-	Date 02/02/20	09		-	
J	THIS SPACE FOR FEDE	RAL OR STATE C	OFFICE US	SE		
Approved By	· -	Title			Date	
Conditions of approval, if any, are attache	d. Approval of this notice does not warrant uitable title to those rights in the subject least act operations thereon.	or				
	U.S.C. Section 1212, make it a crime for any statements or representations as to any matte		villfully to ma	ke to any department or a	gency of the United	